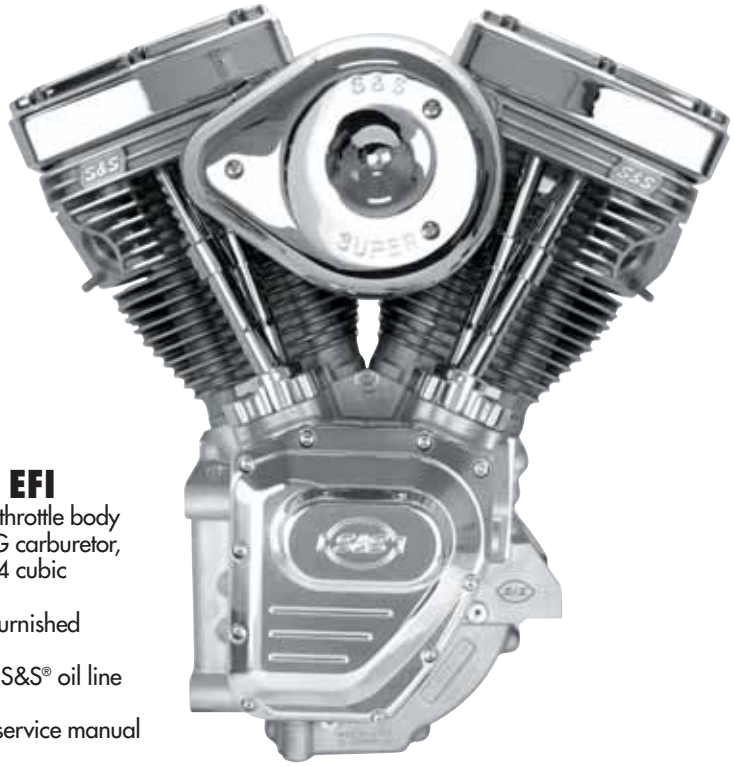
S&S® T124 ENGINES



S&S® T124 ENGINES FOR 99-05 WITH S&S® SINGLE BORE EFI

- These engines feature the new S&S® single fuel injection throttle body
- Throttle body has the same bore diameter as the Super G carburetor, so it provides ample air flow for a high performance 124 cubic inch engine
- The throttle body and manifold both come in the same burnished aluminum finish as the Super G carbs
- Engines for 99-05 Dyna and 99-05 FLH models require S&S® oil line installation kit for proper oil line connection
- Includes 4 quarts of Mobil 1 motor oil, spark plugs and service manual
- Includes Easy Start cams
- Includes S&S® VFI Module
- **Special Order Only**

Application	Natural	Retail	Black	Retail	Polished	Retail
99-01 Twin Cam S&S® Magnetti Marelli Style VFI Module	49-3046	$9016.45	49-3047	$9295.45	49-3048	$10183.45
01-05 Twin Cam S&S® Delphi Style VFI Module	49-3049	8551.45	49-3066	8830.45	49-3067	9997.45

Replacement Gaskets

Description	P/N	Retail
Rocker Cover Kit	49-6428	$49.95
Top End Kit	49-9993	76.95

S&S® VFI Induction Kit

- A single bore induction kit must be ordered separately to complete single bore EFI engines

Description	P/N	Retail
S&S® Single Bore Teardrop Air Cleaner Kit, Chrome	49-3504	$206.95
Tuned Induction Kit, Natural	49-3505	170.75
Tuned Induction Kit, Black	49-3506	191.45
Tuned Induction Kit, Chrome	49-3507	258.70

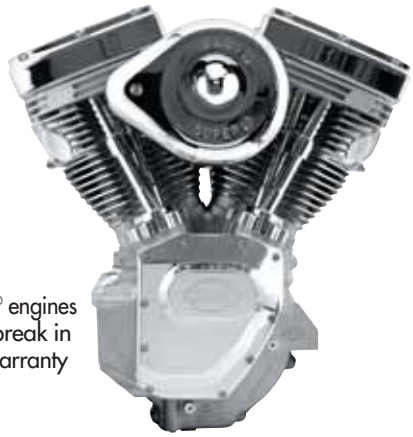
S&S® OIL LINE INSTALLATION KITS

- Due to changes in the design of S&S® crankcases for 99-06 Big Twin models, a special oil line installation kit is required when installing T124 engines or engines built with S&S® crankcases in FL models
- Can be used with the stock transmission top cover
- Fits 00-06 FL models

49-6251 $101.45

S&S® T124 & T124V ENGINES

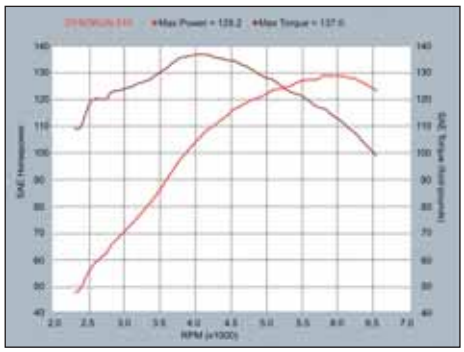
S&S® COMPLETE T124 ENGINES FOR 99-06 CHASSIS (exc. B STYLE CHASSIS) AND 2006 DYNA



- They started with the super strong S&S® Twin Cam style crankcases which feature extra section thickness in key stress areas and a Timken® style sprocket shaft bearing for superior strength and load capacity
- Includes S&S's legendary flywheels, connecting rods, .640 lift gear drive cams, S&S® 4-1/8" bore cylinders and pistons, S&S® cylinder heads, rocker arms, rocker covers, new S&S® Twin Cam style oil pump and tappets, electric compression releases and either an S&S® Super G carburetor or S&S® VFI fuel injection system
- Engines for carbureted models all come with the S&S® Super G carburetor with the slotted "Desperado" air cleaner cover
- The S&S® Intelligent Spark Technology (IST) ignition system can be purchased with carbureted S&S® Twin Cam style engines
- The IST Guardian "break in rev limit" feature is activated on IST modules sold with complete S&S® engines
- This feature protects the new engine from premature failure with a lower rev limit during break in
- Engines equipped with the IST ignition are covered by an extended 2-year manufacturer's warranty
- IST equipped engines are available for 99-03 models
- Includes Easy Start cams
- Includes 4 quarts of Mobil 1 motor oil, spark plugs and service manual
- **Special Order Only**

Ignition System	Warranty Period	Natural	Retail	Black	Retail	Polished	Retail
S&S® IST	2 years	**49-6477**	**$8346.95**	**49-6478**	**$8656.45**	**49-6479**	**$9997.45**

S&S® COMPLETE T124V ENGINES FOR 84-99 CHASSIS



- S&S® Twin Cam style engines are available with 2 different motor mount styles
- The first type has the stock Twin Cam style rear motor mount. This style is for replacement use in an existing Harley-Davidson® chassis
- The second type has an Evolution style rear motor mount and can be installed in any stock or aftermarket Evolution style chassis
- Includes Easy Start cams
- This engine allows owners of Evolution style bikes to upgrade to a Twin Cam
- Includes 4 quarts of Mobil 1 motor oil, spark plugs and service manual
- **Special Order Only**

Fuel System	Warranty Period	Ignition System	Natural	Retail	Black	Retail	Polished	Retail
Super G Carb	2 years	S&S® IST	**49-6480**	**$8346.95**	**49-6481**	**$8602.45**	**49-3558**	**$10048.45**
S&S® VFI	1 year	S&S® VFI	**49-3068**	**9625.45**	**49-3069**	**9625.45**		

S&S® T124 & T124V Twin Cam Style Engine* Specifications

Chassis Style	Bore	Stroke	Displacement	Camshaft	Piston Type	Compression Ratio
Twin Cam	4-1/8"	4-5/8"	124"	S&S® 640G	S&S® Forged	10.8:1
Evolution	4-1/8"	4-5/8"	124"	S&S® 640	S&S® Forged	10.8:1

*For installation in Stock H-D Twin Cam Chassis only Balanced version unavailable VFI and IST not compatible with wiring in 2004 and later chassis
Carbureted engines include an S&S® IST ignition system and an S&S® Super G carb
Fuel injected engines include S&S® Variable Fuel Injection (VFI) system. S&S® tuned or teardrop induction must be purchased separately
Available with either Magnetti-Marelli or Delphi style S&S® VFI modules

S&S® OIL LINE INSTALLATION KITS

- Due to changes in the design of S&S® crankcases for 99-06 Big Twin models, a special oil line installation kit is required when installing T-124 engines or engines built with S&S® crankcases in FL models
- Can be used with the stock transmission top cover
- Fits 00-06 FL models

49-6251 $101.45

Replacement Gaskets

Description	P/N	Retail
Rocker Cover Kit	**49-6428**	**$49.95**
Top End Kit	**49-9993**	**76.95**

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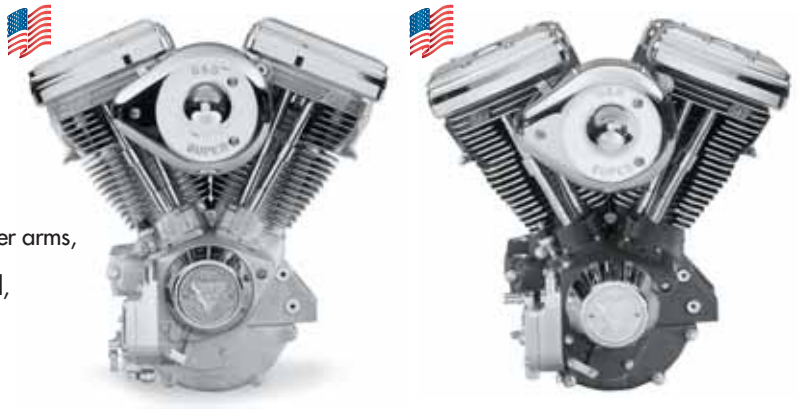
S&S® V96 & V111 ENGINES



S&S® COMPLETE V96 ENGINES FOR 84-99 BIG TWINS

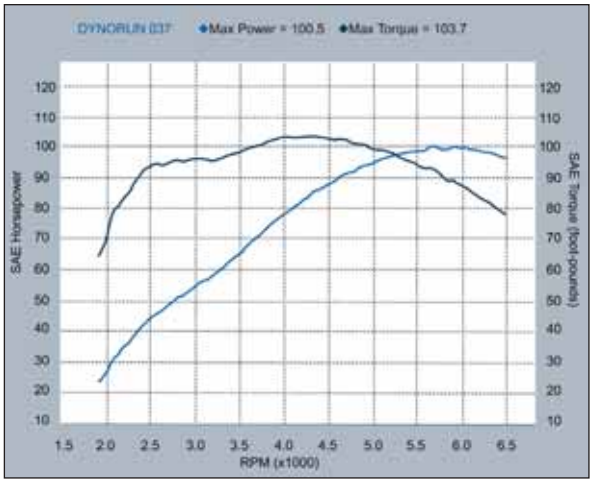
- Features the S&S® Super Stock or IST ignition system
- Comes with chrome-plated rocker covers, roller rocker arms, .585 cam and S&S® Super E carburetor
- Available in natural aluminum, black powder-coated, or polished finish and gear covers billet or cast finish
- Available assembled only
- Includes 4 quarts of Mobil 1 motor oil, spark plugs and service manual
- Fits 84-99 stock chassis

Ignition System	Warranty Period	Natural Cast Cover	Retail	Natural Billet Cover	Retail	Black Billet Cover	Retail	Polished Billet Cover	Retail
S&S® IST	3 years	N/A		49-6549	$6349.95	49-6550	$6674.95	49-9506	$7449.95
S&S® Super Stock	2 years	49-6548	$5364.95	49-3559[1]	5673.95	49-6547	6003.95	49-6551	6789.95

[1] Special Order Only

Replacement Gaskets

Description	P/N	Retail
Rocker Cover Kit	49-6603	$53.45
Top End Kit	49-9992	58.45
Complete Kit	49-3291	101.45



The updated S&S® V96 performs even better than before thanks to the new S&S® 585 cam. These dyno results are from an S&S® V96 engine just the way they come out of a box. S&S® 585 cam, Super E carb and S&S® slip-on mufflers.

S&S® V96 Engine Specifications

Bore	Stroke	Displacement	Camshaft	Piston Type	Compression Ratio
3-5/8"	4-5/8"	96"	S&S® 585	S&S® Forged	10:1

S&S® V111 TOURING ENGINES SHORT STROKE ENGINE FOR 84-99 CARBURETED MODELS

- Designed for torque more than top end horsepower
- A smooth, quiet, torquey engine is ideal for touring applications where vibration and noise can get old on a long ride and a loaded bagger pulling a trailer can overtax a stock engine
- Features the S&S® Super Stock or IST® ignition system
- Square configuration, 4-1/8" stroke
- S&S® 585 cam and lightweight single coil Sidewinder® valve springs reduce valve train noise
- S&S® forged rocker arms
- Shorter than stock height engine makes installation easy
- Chrome-plated rocker covers, tappet guides and gear cover
- Natural or wrinkle black powder-coated finish
- Includes S&S® Super E carburetor with teardrop air cleaner
- Fits 84-99 carbureted Big Twin models

Application	Fuel System	Ignition System	Warranty Period	Natural	Retail	Black	Retail
84-99 Carbureted Models	S&S® Super E Carb	IST®	3 years	49-8072	$5995.00	49-8075	$5920.00
84-99 Carbureted Models	S&S® Super E Carb	Super Stock®	2 year	49-8073	5595.00	49-8077	5595.00

S&S® V111 Engine Specifications

Bore	Stroke	Displacement	Camshaft	Piston Type	Compression Ratio
4-1/8"	4-1/8"	111"	S&S® 585	S&S® Forged	9.8:1

BIKER'S CHOICE
NEW PART NUMBERS ARE RED

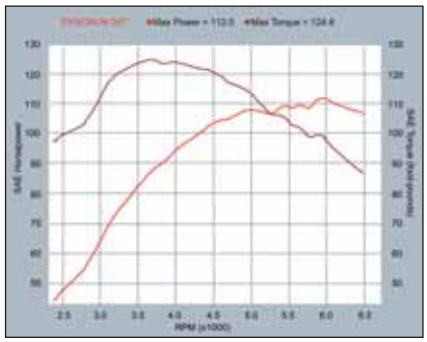
S&S® COMPLETE ASSEMBLED V113 ENGINES FOR 84-99 BIG TWINS

- Features the S&S® Super Stock or IST ignition system
- Choose from natural aluminum, black powder-coated or polished finish
- 4" bore engines have been on the scene for over 10 years and have many features that riders and builders really like. The 113" is actually shorter than a stock Evolution engine by about .050", which makes it easy to fit into any stock 1984-1999 frame. Engine life and dependability are better than you might expect from an engine this large
- Standard features of the 113" that make it a good choice are: chrome-plated, billet rocker covers, S&S® roller rocker arms, S&S® electric compression releases, S&S® High Volume High Pressure (HVHP) oil pump and an S&S® Super G carburetor
- Outperforms many other engines of higher displacement because it has the advantage of over 50 years of S&S® experience behind it. That's what that "Proven Performance" thing is all about
- Includes 4 quarts of Mobil 1 motor oil, spark plugs and service manual
- Fits Evolution 1984-1999 or Custom applications

Ignition System	Warranty Period	Natural Billet Cover	Retail	Black Billet Cover	Retail	Polished Billet Cover	Retail
S&S® IST	3 years	49-9539	$7049.95	49-6538	$7374.95	49-6540	$8149.95
S&S® Super Stock	2 years	49-6536	6549.95	49-9508	6889.95	49-9509	7649.95

Replacement Gaskets

Description	P/N	Retail
Rocker Cover Kit	49-3486	$49.45
Top End Kit	49-6433	59.45
Complete Kit	49-3290	101.45



S&S® V113 Yields 112 hp and a healthy 124 ft/lb of torque with the S&S® 600 cam and Super G carb. This bike was equipped with a Thunder Header exhaust.

S&S® V113 Engine Specifications					
Bore	Stroke	Displacement	Camshaft	Piston Type	Compression Ratio
4"	4-1/2"	113"	S&S® 600	S&S® Forged	10.1:1

S&S® V124 ENGINES FOR 84-99 BIG TWINS

- Features the S&S® Super Stock or IST ignition system
- Choose from natural aluminum, black powder-coated or polished finish
- Utilizes Hi-Performance crankshaft featuring 1.5" diameter pressed-in crank pin for superior strength
- Massive 4-1/8" bores with a stroke of 4-5/8"
- High-performance oiling system, high-flow cylinder heads and added cooling fins are state-of-the-art for optimum horsepower and torque
- Includes installed electric compression releases
- 124" Dyno tested at 130+HP at the rear wheel
- Features S&S® Super G carburetor
- Includes S&S® 640 camshaft
- Includes 4 quarts of Mobil 1 motor oil, spark plugs and service manual
- Fits 84-99 stock chassis

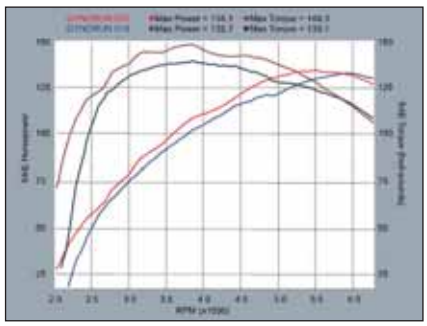
Note: Fuel injected V124 engines for 95-98 models come complete with a Magneti Marelli® style S&S® Variable Fuel Injection (VFI) module, single bore induction with a teardrop air cleaner and the S&S® closed loop sensor kit. Engines can easily be upgraded to S&S® single bore tuned induction with a simple bolt-on induction kit

Fuel System	Warranty Period	Ignition System	Natural Billet Cover	Retail	Black Billet Cover	Retail	Polished Billet Cover	Retail
Super G Carb	2 years	S&S® IST	49-8583	$8571.95	49-8584	$8901.95	49-8585	$9688.45
Super G Carb	1 year	S&S® Super Stock	49-9531	8074.45	49-9532	8404.45	49-9533	9190.95
95-01 Big Twin	1 year	S&S® VFI	49-3557[1]	9434.45	49-3072[1]	9770.45	49-3073[1]	10572.95

[1] Special Order Only

Replacement Gaskets

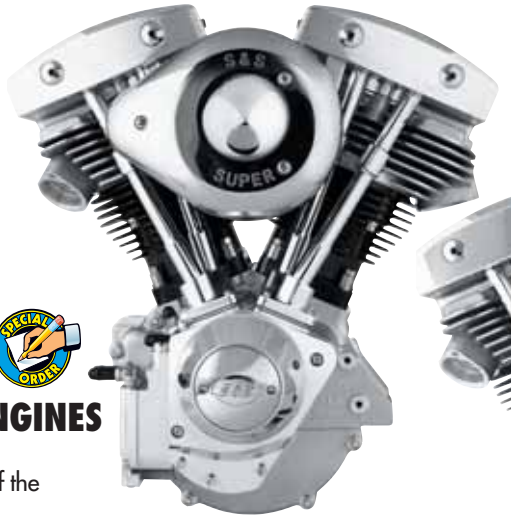
Description	P/N	Retail
Rocker Cover Kit	49-6428	$49.95
Top End Kit	49-9993	76.95
Complete Kit	49-3289	101.45



Upper curves show S&S® VFI Tuned Induction System. Lower curves show S&S® VFI Teardrop Induction System. Both tests were performed on a 1996 Road King with a V124 VFI Engine and Supertrapp 2 into 1 exhaust

S&S® V124 Engine Specifications					
Bore	Stroke	Displacement	Camshaft	Piston Type	Compression Ratio
4-1/8"	4-5/8"	124"	S&S® 640	S&S® Forged	10.8:1

S&S® SH93H & SH93 ENGINES



Alternator

Alternator/Generator

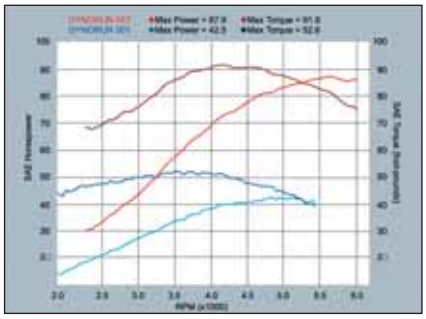
S&S® COMPLETE SH93H ENGINES FOR 66-84 CHASSIS

- SH93H is a high compression version of the standard 93" Shovelhead engine
- Includes S&S® rocker covers, rocker arms, tappets, tappet guides and S&S® Super Stock® ignition system
- Available assembled only
- Dual plug heads
- Generator (66-69) style
- Alternator (70-84) style
- Alternator/Generator (custom) style
- Cast or billet gearcover
- Includes 4 quarts of Mobil 1 motor oil, spark plugs and service manual
- **Special Order Only**

Note: S&S® alternator/generator engines require either a stock 66-69 style exhaust system, 1 of several aftermarket custom exhaust systems, or a custom fabricated exhaust pipe for a generator style shovelhead engine.

Application	Style	Warranty	Billet Gearcover	Retail	Cast Gearcover	Retail
70-84 Chassis	Alternator	2 Years	**49-6544**	**$7582.45**	**49-6543**	**$7363.95**
66-69 Chassis	Generator	2 Years	**49-3598**	**8525.95**	**49-3194**	**8292.95**
Custom	Alternator/Generator	2 Years	**49-3614**	**8541.45**	**49-7249**	**8297.95**

S&S® SH93H Engine Specifications					
Bore	Stroke	Displacement	Camshaft	Piston Type	Compression Ratio
3-5/8"	4-1/2"	93"	S&S® 600	S&S® Forged	10:1



The upper curves of this dyno chart shows an S&S® SH93H (red) and the lower curves represent the stock 74" engine (blue).

S&S® COMPLETE SH93 ENGINES FOR 66-84 CHASSIS

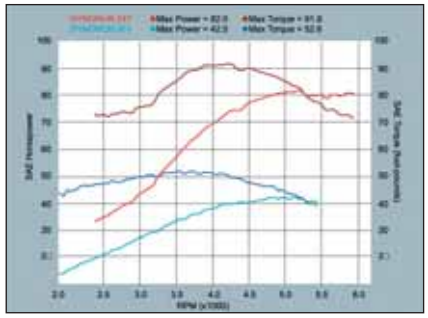
- Includes S&S® rocker covers, rocker arms, tappets, tappet guides and S&S® Super Stock® ignition system
- Available assembled only
- Generator (66-69) style
- Alternator (70-84) style
- Alternator/Generator (custom) style
- Cast or billet gearcover
- Includes 4 quarts of Mobil 1 motor oil, spark plugs and service manual

Note: S&S® alternator/generator engines require either a stock 66-69 style exhaust system, 1 of several aftermarket custom exhaust systems, or a custom fabricated exhaust pipe for a generator style shovelhead engine.

Application	Style	Warranty	Billet Gearcover	Retail	Cast Gearcover	Retail
70-84 Chassis	Alternator	2 Years	**49-6542**	**$7499.95**	**49-6541**	**$7274.95**
66-69 Chassis	Generator	2 Years	**49-3592**[1]	**8249.95**	**49-3589**[1]	**8249.95**
Custom	Alternator/Generator	2 Years	**49-3599**[1]	**8249.95**	**49-7248**[1]	**8249.95**

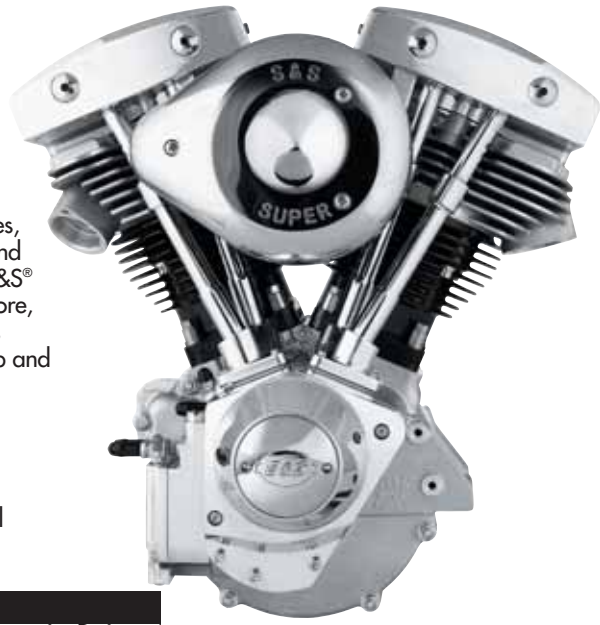
[1] Special Order Only

S&S® SH93 Engine Specifications					
Bore	Stroke	Displacement	Camshaft	Piston Type	Compression Ratio
3-5/8"	4-1/2"	93"	S&S® 585	S&S® Cast	8.2:1



Dyno chart shows an S&S® SH93 Shovelhead style engine (red) compared to a stock 74" Shovelhead (blue).

S&S® SH103 & P-SERIES ENGINES



S&S® COMPLETE SH103 ENGINE FOR 70-84 CHASSIS

- All S&S® engines for shovelheads feature S&S® Super Stock® crankcases, S&S® forged steel flywheels and connecting rods, S&S® billet tappets and guides featuring 84-99 style S&S® tappets, S&S® Quickee pushrods, S&S® billet rocker boxes, S&S® forged roller rocker arms and S&S® 3-5/8" bore, engineering grade, cast iron, 3-5/8" bore cylinders with forged pistons
- Due to the displacement and compression ratio, an S&S® Super G carb and S&S® dual plugged heads come as standard equipment
- Comes with the S&S® Super Stock® Ignition System
- Available assembled only
- Alternator (70-84) style only
- Cast gearcover only
- Includes 4 quarts of Mobil 1 motor oil, spark plugs and service manual
- **Special Order Only**

49-3590 $7592.45

S&S® SH103 Engine Specifications					
Bore	Stroke	Displacement	Camshaft	Piston Type	Compression Ratio
3-5/8"	5"	103"	S&S® 640	S&S® Forged	10.7:1

49-3183

49-3237

S&S® P-SERIES ENGINES FOR 48-99 BIG TWIN CHASSIS

- P-Series engines capture that retro styling from the 50's and 60's, but with 21st century engineering
- Heads - new design based on S&S® heads for Shovelheads
- Uses S&S® roller rockers for Shovel engines 1.500 ratio
- Uses readily available S&S® cylinders for Shovelheads
- S&S® hydraulic valve train
- S&S® Super Stock® ignition and billet timer
- 93" high compression and 103" displacement, dual plug
- Includes 4 quarts of Mobil 1 motor oil, spark plugs and service manual
- **Special Order Only**

Application	Style	Warranty	P93	Retail	P93H	Retail	P103H	Retail
54-64 Chassis	Generator	2 Years	**49-3183**	**$8274.95**	**49-3193**	**$8479.95**	**49-3209**	**$8585.45**
65-69 Chassis	Generator	2 Years	**49-3219**	**8049.95**	**49-3228**	**8479.95**	**49-3236**	**8585.45**
Custom	Alternator/Generator	2 Years	**49-3237**	**8249.95**	**49-3238**	**8479.95**	**49-3239**	**8585.45**

S&S® P-Series Engine Specifications						
Engine	Bore	Stroke	Displacement	Camshaft	Piston Type	Compression Ratio
P93	3-5/8"	4-1/2"	93"	S&S® 585	S&S® Cast	8.2:1
P93H	3-5/8"	4-1/2"	93"	S&S® 600	S&S® Forged	10:1
P103	3-5/8"	5"	103"	S&S® 640	S&S® Forged	10.7:1

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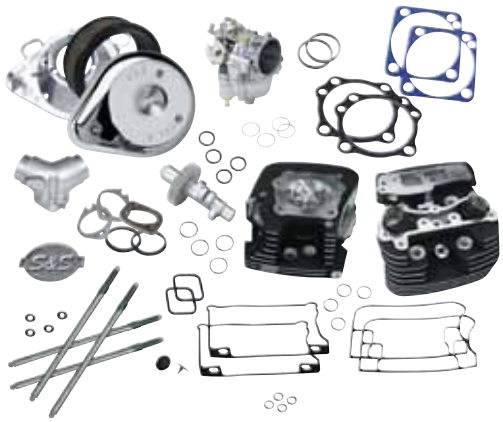
S&S® CRANKCASES



S&S® 80" HOT SET UP KITS® FOR STOCK BORE EVOLUTION ENGINES

- Kit includes an S&S® Super Stock™ cylinder head kit with valves and springs installed, manifold with O-rings and flanges, required hardware, top end gaskets, an S&S® 561 cam, adjustable chrome moly pushrods, an HL_2T kit, a Super E carb kit and installation instructions
- Fits 93-99 stock bore Evolution engines
- Kits do **not** include pistons, order separately
- Black finish

49-8523 $1868.12

S&S® TWIN CAM STYLE CRANKCASE

- Greater overall strength than stock crankcases, especially in the front motor mount, an important consideration in high performance applications
- All S&S® crankcases use strong, dependable Timken® style sprocket shaft bearings to stand up to the most demanding applications
- Available in stock bore and 4-1/8" bore
- Clearanced for strokes up to and including 5"
- All passages between the crankcase cam support plate are O-ring sealed
- Compatible with most stock components
- Cam chest has clearance for up to .675" lift cams
- Includes the S&S® crankcase breather reed valve for Twin Cam 88 engines designed to eliminate oil carry over and oil scavenging problems
- Stock bore cases are perfect for replacement applications, 4-1/8" bore cases make really large displacement custom engines possible and are available with the S&S® cylinder stud pattern or with the stock cylinder stud pattern. 4-1/8" bore cases with stock stud pattern are ideal for the S&S® 124" Hot Set Up Kit® for stock crankcases
- Fits 99-06 Twin Cam (exc. 2006 Dyna)

Note: Oil line installation kit BC# 49-6251 is required for installation in 00-06 FLT models. Stock transmission top cover may be used.

Description	P/N	Retail
Natural, Stock Bore	49-9963	$1673.95
Black, Stock Bore	49-8554	1673.95
Natural, 4-1/8" Bore (Stock Stud Pattern)	49-7275	1630.10
Oil Line Installation Kit		
99-05 Dyna Models	49-6250	$322.95
00-06 FL Models	49-6251	101.45

S&S® SUPER STOCK™ BIG TWIN ALTERNATOR STYLE CRANKCASE

- Machined to accept the stock oil filter assembly introduced on some 1992 model Big Twins. This convenient, accessible location can be utilized to simplify installation of an oil filter in custom applications
- Machined to accept 81-99 or 92-99 style oil pumps and are machined for the stock 81-99 style oil distribution system
- For Evolution style engines, the engine builder has the option of venting the crankcase breather from the crankcase, through the cylinder heads, or both. It's recommended using both crankcase breathers in engines of 96" or larger displacement. To make this possible in all applications, there are 2 crankcase breather holes available in the rear of S&S® alternator crankcases. One is in the stock location and the other is angled down to allow the installation of a crankcase breather fitting in chassis with integral transmission/oil tank
- S&S® Big Twin cases optimize crankcase oil scavenging efficiency by using a ported design breather passageway and a breather window that is machined to maximum timing specifications. These features allow the air/oil mist to move smoothly from the flywheel cavity to the gear chest of the engine
- The return oil pick-up passage to the return side of the oil pump has been relocated in order to avoid the turbulence caused by the oil pump drive gear. This unique design results in greatly improved scavenging of oil from the gear case and virtually eliminates oil carry over at sustained high speeds. S&S® Big Twin crankcases for Evolution style engines are not machined with a primary oil scavenge port for drawing oil from a Shovel style primary chain case. If the primary oil scavenge port is required on an Evolution style crankcase, it can be special ordered

Description	P/N	Retail
92-99 Evolution Big Twin Models		
• Available stock bore and natural aluminum • Accepts 92-99 style oil pumps • 92-99 cases differ from the 84-91 only in the oil pump mounting bolt pattern		
Natural, Stock Bore	49-9512	$1108.95
84-91 Evolution Big Twin Models		
• Available stock bore and natural aluminum • Accepts 84-91 style oil pumps • 84-91 cases differ from the 92-99 only in the oil pump mounting bolt pattern		
Natural, Stock Bore	49-9511	$1108.95
70-84 Shovelhead Style		
• Available stock bore or 3-5/8" bore • Accepts 81-84 style oil pumps • Machined for stock primary oil return		
Natural, Stock Bore	49-9510	$1119.45
Natural, 3-5/8" Bore	49-9513	1086.70

BIKER'S CHOICE
NEW PART NUMBERS ARE RED

S&S®
106" STOCK BORE STROKER

- Kit combines an S&S® 4-1/2" stroke flywheel assembly with S&S® 3-7/8" bore pistons for a displacement of 106 cubic inches
- Perfect upgrade for standard Twin Cam 88® and Twin Cam 88B™ engines with internal balancers
- Does not require any special machining, other than fitting the pistons
- Stock 88" cylinders can be bored from 3-3/4" bore to 3-7/8" to accommodate the S&S® pistons, or prefit S&S® cylinder and piston kits are available
- Engines with factory 95" kits require piston fitting only
- Stock or S&S® cylinder heads can be used
- Fuel injected engines will require remapping of the fuel injection system
- Pistons sold separately
- Fits 99-06 Twin Cam 88, 88B engines

Application	P/N	Retail
Twin Cam 88®	**49-5221**	**$1199.95**
Twin Cam 88B™	**49-5222**	**1349.95**

49-3353

S&S®
REPLACEMENT FLYWHEEL ASSEMBLIES FOR TWIN CAM 88® AND TWIN CAM 88B™ ENGINES

- Available as complete assemblies only. Since the flywheels are pressed together as opposed to the earlier S&S® 5-piece bolt together design, many shops are not equipped or prefer not to assemble and true the flywheel
- Designed for use with Timken® style sprocket shaft bearings
- They will fit directly in stock Harley-Davidson® 99-02 crankcases and in all S&S® crankcases for Twin Cam 88 engines with no modifications
- 4" stroke, 88", 95" and 100" engine displacement

Description	P/N	Retail
99-06 All Models with Non-Balancer Style Engines	**49-3353**	**$1199.95**
00-06 All Models with Balancer Style Engines	**49-3372**	**1199.95**

S&S®
FLYWHEEL ASSEMBLY

- S&S® now offers a flywheel assembly for 2006 Dyna and all 2007 Big Twin models
- Features a new S&S® sprocket shaft which is compatible with the late style primary system
- 4" stroke, 88", 95" and 100" engine displacement
- Fits 06-10 Dyna; 07-10 FL models

49-3199 $1250.00

PROVEN S&S® PERFORMANCE

S&S®
CONNECTING ROD SETS

- High quality connecting rods from S&S®, the industry leader in high performance motor parts
- I-beam construction, drop forged from 4140 chrome moly steel with beam sections .125" wider than stock
- Rod to rod clearance sufficient for strokers up to and including 5"
- Crank pin and hardware included

Description	P/N	Retail
41-E81 Big Twin (7.440" c/c) H-D#24281-74A	**49-9500**	**$405.45**
84-99 Big Twin H-D#24281-83	**49-9504**	**383.95**

BAGGER
WINDSHIELDS
SEATS & LUGGAGE
EXHAUST
FUEL & AIR
CONTROL & HANDLEBARS
CABLES
FOOT CONTROLS
TIRES & WHEELS
FRAMES & FENDERS
TANKS & OIL SYSTEMS
SUSPENSION
BRAKE
INSTRUMENT & LIGHTING
ELECTRICAL/ IGNITION
VALVE TRAIN
ENGINE
PRIMARY DRIVE
TRANS-MISSION
FINAL DRIVE
GASKETS & HARDWARE
SECURITY & COVERS
TRAILERS & RAMPS
CHEMICAL
TOOLS & SUPPLIES
GENERAL ACCESSORIES
HEADGEAR
RIDING APPAREL
CASUAL APPAREL
DISPLAY & PROMO
CROSS REFERENCE

TWIN POWER™ CONNECTING ROD ROLLERS

- High quality American made rollers
- Bags are treated to prevent corrosion and clearly marked with size and O.E.M. number
- Sold in bags of 100

Application	P/N	Retail
Short - 51-72 Big Twin		
+.0002 H-D#9102A	**21-6616**	**$25.95**
+.0006 H-D#9104A	**21-6618**	**25.95**
+.0008 H-D#9105A	**21-6619**	**25.95**
+.001 H-D#9106A	**21-6620**	**25.95**
Short - E54-86 XL; 73-86 Big Twin		
Std. H-D#9441A	**21-6646**	**$25.95**
+.0002 H-D#9442A	**21-6647**	**25.95**
+.0004 H-D#9443A	**21-6648**	**25.95**
+.0006 H-D#9444A	**21-6649**	**25.95**
+.0008 H-D#9445A	**21-6650**	**25.95**
Short - E54-E86 K, XL; 73-86 Big Twin		
+.001" H-D#9446A	**21-5162**	**$25.95**

Application	P/N	Retail
Long - 51-72 Big Twin		
Std. H-D#9171A	**21-5053**	**$28.50**
+.0002	**21-6626**	**28.50**
+.0004 H-D#9173A	**21-6627**	**28.50**
+.001 H-D#9176A	**21-6630**	**28.50**
Long - 73-86 Big Twin		
Std. H-D#9186	**21-6631**	**$27.50**
+.001" H-D#9184	**21-5158**	**27.50**
+.0002 H-D#9180	**21-6632**	**27.50**
+.0004 H-D#9181	**21-6633**	**27.50**
+.0008 H-D#9183	**21-6635**	**27.50**

S&S® CRANK PIN ASSEMBLY

- Replacement crank pin for S&S® connecting rods
- Includes crank pin and nut
- Fits L81-99 Big Twin engines

49-3874 **$109.95**

S&S® CRANK PIN NUT

- Sold individually
- Fits 41-99 H-D models single cam

49-3792 **$9.95**

S&S® PINION SHAFT CONVERSION KIT

- For installation in 90-99 Big Twin or scratch built engines
- Fits 77-89 style pinion gears

49-3250 **$123.95**

JIMS® CRANK PIN NUTS

- Sold in packs of 2
- Fits L83-98 Big Twin

49-1804 H-D#23969-83 **$40.40**

TWIN POWER™ CONNECTING ROD RACE SETS

- Machined to exacting tolerances from 52100 steel
- Heat-treated to O.E.M. specifications
- Must be sized at installation
- Sold in packs of 3

Application	P/N	Retail
52-98 K, Sportster H-D#24341-52A	**60-3031**	**$24.63**
41-99 Evolution Big Twin H-D#24345-36	**60-3032**	**24.63**

FLYWHEEL CONNECTING ROD THRUST WASHERS

- Sold in packs of 2

Application	P/N	Retail
Bronze		
L79-E86 Sportster; L70-98 Big Twin H-D#6506	**49-2410**	**$8.50**
Steel		
41-E70 Big Twin H-D#23973-41	**60-3039**	**$9.80**

JIMS® SPROCKET SHAFTS

- Manufactured from premium aerospace chromium nickel molybdenum alloy bar stock offering the ultimate in strength and durability
- Heat-treated to 60-62RC and ground to a 16 micron finish with tolerances less than .0002"
- Fits L81-E85 Big Twin

49-6032 H-D#23909-80 **$96.90**

TWIN POWER™ CRANKCASE ROLLERS

- High quality American made rollers
- Bags are treated to prevent corrosion and clearly marked with size and O.E.M. number
- Sold in bags of 100

Application	P/N	Retail
54-76 K, XL; 55-57 Big Twin H-D#9421	**41-0412**	**$28.50**
57-76 Sportster; 55-57 Big Twin +.0002 H-D#9422	**21-6641**	**21.95**
57-76 Sportster; 55-57 Big Twin +.0004 H-D#9423	**21-6642**	**21.95**
57-76 Sportster; 55-57 Big Twin +.0006 H-D#9424	**21-6643**	**28.50**
57-76 Sportster; 55-57 Big Twin +.001H-D#9426	**21-6645**	**21.95**
30-86 Big Twin STD. H-D#9220A	**21-5160**	**24.95**
30-86 Big Twin +.0002 H-D#9221A	**21-6636**	**24.95**
30-86 Big Twin +.0006 H-D#9223A	**21-6638**	**24.95**
30-86 Big Twin +.0008 H-D#9224	**21-6639**	**24.95**
30-86 Big Twin +.0010 H-D#9225A	**21-6640**	**24.95**

JIMS® PINION SHAFTS

- Manufactured from the finest materials to exact specifications
- JIMS® shafts have long been the choice of knowledgeable engine builders

Note: Late style nuts with 3/4"-20 threads, H-D# 24016-80, must be used on L81-E83 Big Twin models.

Application	P/N	Retail
58-72 Big Twin H-D#24006-58	**49-6060**	**$90.10**
73-E81 Big Twin H-D#24006-73	**49-6062**	**90.10**
L81-86 Big Twin H-D#24006-83	**49-6066**	**91.35**
87-89 Big Twin H-D#24006-87	**49-6068**	**91.35**

JIMS® CRANK PINS

- All crank pins have .062" deep heat-treated penetration
- #49-6034 and 49-6036 have 3 oil holes for increased lubrication

Note: Late style nuts with 1"-20 threads, #49-1804, must be used on L81-99 Big Twin crank pin.

Application	P/N	Retail
54-E81 K, Sportster H-D#23960-54	**49-6034**	**$80.15**
41-E81 Big Twin H-D#23961-41	**49-6036**	**83.35**
L81-99 Big Twin H-D#23961-80A	**49-6038**	**85.70**

BIKER'S CHOICE

NEW PART NUMBERS ARE RED

60-1756

TIMKEN® SPROCKET SHAFT BEARINGS

Application	P/N	Retail
77-90 Sportster		
H-D#24729-74	**60-1754**	**$52.45**
55-68 Big Twin H-D#9029	**60-1755**	**62.45**
69-02 Big Twin H-D#9028	**60-1756**	**62.45**

PINION SHAFT GEAR NUT

- Fits 54-89 Big Twin models

60-3049 H-D#24023-54 **$8.50**

S&S® PINION SHAFT PLUG

49-3872 **$3.95**

S&S® ROD BEARING ASSEMBLY

- Fits 41-99 Big Twin models

49-3878 **$51.45**

BIKER'S CHOICE® SPROCKET SHAFT SEALS

- Fits 70-98 Big Twin models

49-2487 H-D#12026B **$27.95**

SPROCKET SHAFT SPACER

- Hardened steel
- Fits 70-98 Big Twin

60-3044 H-D#24002-70 **$13.09**

PINION SHAFT BEARINGS

Application	P/N	Retail
77-86 Sportster		
H-D#24648-77	**60-3059**	**$57.95**
87-99 Big Twin (White/Grey)		
H-D#24626-87A	**21-6600**	**22.90**
87-99 Big Twin (Green)		
H-D#24628-87A	**21-6601**	**22.90**
87-99 Big Twin (Red)		
H-D#24641-87A	**21-6602**	**22.90**
87-99 Big Twin (Blue)		
H-D#24643-87A	**21-6603**	**22.90**

Roller & Retainer Kit

- Includes bearing retainer and 14 standard diameter rollers
- 2 kits required to service 1 engine

58-86 Big Twin Pinion Shaft; 37-66 Big Twin Wheel
H-D#43578-35 **49-2565** **$18.95**

PINION SHAFT GEAR SPACER

- Sold in packs of 5
- Fits 55-90 Big Twin Models

60-3241 H-D#24703-54 **$14.74**

04-4143

04-4142

COLONY SPROCKET SHAFT SEALS

Application	P/N	Retail
36-54 Big Twin (Snap Ring Included)		
H-D#24776-40	**04-4143**	**$22.99**
55-68 Big Twin		
H-D#24031-55	**04-4142**	**41.99**

SPROCKET SHAFT NUTS

Application	P/N	Retail
30-70 Big Twin (3/4"-18 Thread)		
H-D#24023-36	**49-1813**	**$26.90**
72-E85 Big Twin (1-1/8"-16 Thread)		
H-D#24017-80	**49-1814**	**23.80**
Pinion Shaft Nut (Flywheel Side)		
L81-89 Big Twin (3/4"-20 Thread)		
H-D#24016-80	**49-1811**	**$21.95**

PINION SHAFT BUSHINGS

- All bushings are standard O.D.
- Bushings should be line reamed and/or honed at installation

Application	P/N	Retail
Crankcase End		
• Hardened steel		
58-92 Big Twin H-D#24599-58B	**60-3057**	**$57.95**
Cam Cover End		
• Precision-machined bronze		
L73-92 Big Twin H-D#25582-73	**60-3075**	**$16.95**

SEE CATALOG UPDATES AT TRDEALER.COM

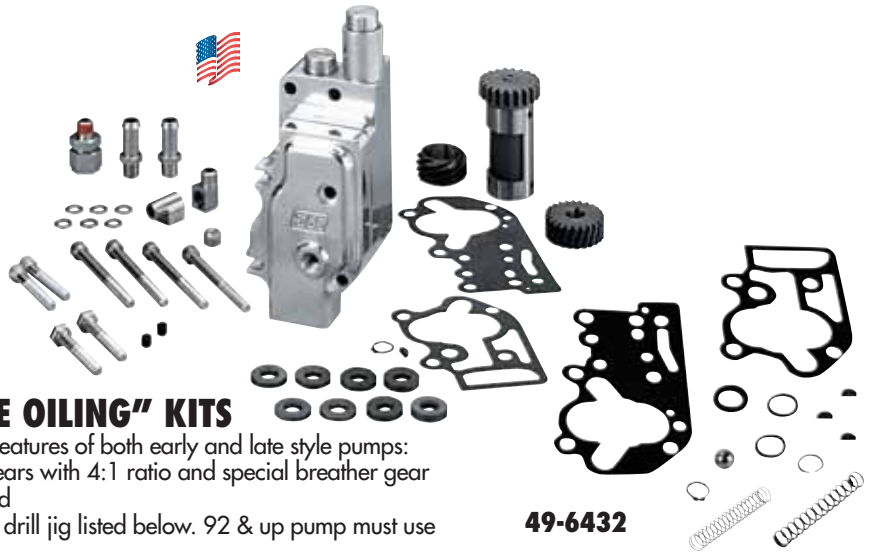
OIL PUMPS

TWIN POWER™ OIL PUMP

- Polished aluminum
- Gaskets, hardware and gears are included
- Improves oil pressure regulation to all parts of the engine

Application	P/N	Retail
73-91 Big Twin Models	**49-5534**	**$269.95**
92-99 Big Twin Models	**49-5535**	**269.95**

S&S® BILLET OIL PUMP "ULTIMATE OILING" KITS



49-6432

- Kits include aluminum pump with the best features of both early and late style pumps: adjustable chain oilers, new pump drive gears with 4:1 ratio and special breather gear
- Instructions, gaskets and hardware included

Note: For 70-80 models only, order required drill jig listed below. 92 & up pump must use pre-89 pinion shaft

Application	P/N	Retail
Oil Pump Kits		
L77-91 Big Twin Models	**49-9606**	**$437.95**
92-99 Big Twin Models	**49-9607**	**437.95**
S&S® Billet Stock Replacement Pumps		
• Aluminum pumps incorporate the best features of both early and late style pumps		
• Internal parts are interchangeable with stock		
• Gaskets and mounting hardware included		
• Does not include breather gear		
36-72 Big Twin Models H-D#26190-73	**49-9602**	**$314.45**
73-91 Big Twin Models H-D#26190-73	**49-9520**	**314.45**
92-99 Big Twin Models	**49-9603**	**314.45**

Application	P/N	Retail
Oil Pump Drill Jig		
• Required for installation of S&S® oil pump kits on 70-80 models		
• Hardened steel tool also enables the engine builder to perform optional modifications on all other models		
36-91 Big Twin Models H-D#94461-81	**49-9600**	**$42.45**

Application	P/N	Retail
Gasket Kits		
• Includes gaskets, woodruff keys and snap rings		
36-91 Big Twin Models	**49-9628**	**$8.95**
92-98 Big Twin Models (S&S® Pumps Only)	**49-9657**	**8.95**
Master Rebuild Kit		
• Includes gasket rebuild kit, seal, retaining ring, relief valve spring, check valve spring, check valve, ball and cover screw O-rings		
36-91 Big Twin Models	**49-6431**	**$22.95**
92-99 Big Twin Models	**49-6432**	**22.95**

S&S® HVHP (HIGH VOLUME HIGH-PRESSURE) OIL PUMP

- Designed to meet the demands of the new S&S® Super Sidewinder Plus series motors
- Pump produces 38% more volume and 61% more return over stock type pumps
- Severe duty billet steel gears provide long life and durability
- Unique oiling system allows pump to oil top and bottom end even in extreme conditions maintaining 10-35 psi. in most cases

Application	P/N	Retail
HVHP Oil Pump		
92-99 Big Twin Models	**49-9976**	**$383.95**
Gasket Rebuild Kit		
• Includes key and retaining ring		
92-99 Big Twin Models	**49-6429**	**$12.45**
Master Rebuild Kit		
• Includes gasket rebuild kit, seal, retaining ring, relief valve spring, check valve spring, check valve, ball and cover screw O-rings		
92-99 Big Twin Models	**49-6430**	**$31.45**

FEULING

FEULING® SUPERPUMP™

- The patented Feuling® Superpump™ incorporates a highly efficient gerotor design that is capable of supplying 40% more volume and 60% increase in scavenge volume of oil capacity over your stock oil pump
- Wet sumping problems found in stock setups are eliminated and a decrease in overall engine temperature will extend the life of your engine and components
- To gain the full benefits of the Superpump™ be sure to install a set of HP+™ Lifters
- These high performance high flow hydraulic lifters have specially designed valves allowing for more oil to flow through to the upper valve train
- A must have for high performance Twin Cam engines and will definitely increase the life and performance of any stock engine too

Superpump™

- Cooler oil temperatures increase horsepower
- No wet sumping
- Aerospace design, materials and precise tolerances
- Bolts directly in stock location

Application	P/N	Retail
99-06 Twin Cam (exc. 2006 Dyna)	49-9100	$425.00
2006 Dyna; 07-11 Twin Cam	49-5196	425.00

Lifters

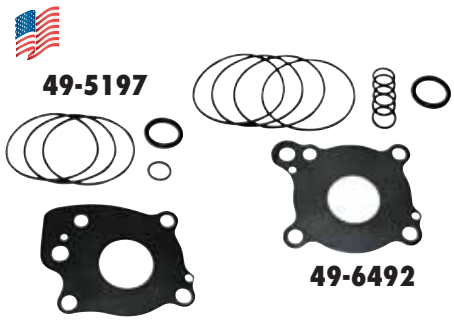
- Increased oil to rockers, valves, springs and guides
- CNC machined to precise tolerances
- Extends the life of the upper valve train
- Direct drop-in replacement
- Recommended for use with Feuling Superpump™
- Set of 4
- Fits 99-11 Twin Cam models

49-9101 $149.00

FEULING® RACE LIFTERS

- Designed to operate with large lift camshafts and higher spring pressures, while maintaining proper and critical oil flow to valves, springs, rockers, shafts and valve guides
- Made from 8620 steel with a hardened surface and held to aerospace tolerances, these hydraulic roller lifters are truly the best ever made
- The Feuling® race lifters for Twin Cam® engines are designed to work in conjunction with the Feuling® race pump
- CNC machined and precision ground
- Recommended for use with the Feuling® race pump
- Made in the USA
- Fits 99-11 Twin Cam models

49-6494 $279.00



REBUILD KIT FOR FEULING® OIL PUMP

- The Feuling® rebuild kit includes everything you need to properly rebuild the high volume Feuling® Twin Cam oil pump
- Kit includes new O-rings, separator plate and installation instructions
- Made in the USA

Application	P/N	Retail
99-06 Twin Cam (exc. 2006 Dyna)	49-6492	$22.95
2006 Dyna; 07-11 Twin Cam	49-5197	22.95

FEULING® RACE PUMP

- This Feuling® oil pump for 88" Twin Cam engines is designed for the racer
- Made with tighter tolerances, harder 7075 billet aluminum alloy, hardened anodize and blue printed to make this a true precision part
- 40% pressure volume and 60% scavenge volume increase over stock
- Eliminates wet sumping and oily air cleaners
- Cooler oil and engine temperatures, more horsepower, more torque
- Stock replacement for 88" Twin Cam® engines
- Recommended for racing applications
- When combined with the Feuling Cam Plate test results show 3 horsepower gain and 4 ft./lbs. of torque gain to the rear wheel
- Made in the USA
- Fits 99-06 Twin Cam (exc. 2006 Dyna)

Application	P/N	Retail
99-06 Twin Cam (exc. 2006 Dyna)	49-6493	$525.00
06-10 Dyna; 07-10 Big Twin	49-9130	525.00

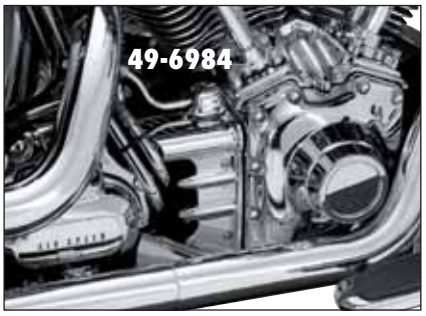
Feuling Cam Support Plate ON PAGE 715

FEULING® CAMPLATE/OIL PUMP FASTENER KIT

- Quality 12-point heat treated 8740 chrome moly steel bolts with black oxide finish
- Features precision rolled threads for optimum engagement, to prevent galling and promote more consistent torque loading
- Wide underhead flange design provides even load distribution for optimum sealing of surfaces - preventing leaks
- Tensile strength rated @ 170,000 psi – superior and stronger than O.E.M. and stronger than grade 8 fasteners
- Manufactured by ARP® to Feuling's® exact specifications
- Kits include moly assembly lubricant for installation
- Made in the U.S.A.
- Fits 99-11 Twin Cam engines equipped with Feuling® camplate and oil pump

49-5202 $39.95

OIL PUMP COVERS & HARDWARE



49-6955

49-6984

KURYAKYN® OIL LINE NACELLE

- Die-cast chrome cover hides the wrinkle black or plain cast surface between the cam cover and transmission

Application	P/N	Retail
00-06 Softail (Mfg/N8204)	**49-6955**	**$62.99**
07-09 Softail (Mfg/N8395)	**49-6984**	**72.99**

TWIN POWER™ OIL PUMP OVERHAUL KITS

- Mylar

Application	P/N	Retail
68-80 Big Twin Models	**41-2991**	**$12.95**
81-91 Big Twin Models	**41-2992**	**14.49**

OIL PUMP MOUNT CUSTOM HARDWARE KITS

- Allen
- Fits 79-91 Big Twin

04-1622 H-D#3429 **$9.49**

BIKER'S CHOICE

BIKER'S CHOICE® OIL PUMP COVER

- Chrome-plated steel
- Covers provide a simple way to accent oil pump
- Fits 92-99 Big Twin models

49-1163 **$19.95**

04-1044 04-1046

GARDNER-WESTCOTT OIL PUMP FITTING KIT

- Chrome-plated brass

Application	P/N	Retail
O.E.M. Type		
68-84 Big Twin Models	**04-1043**	**$27.99**
84-91 Big Twin Models	**04-1044**	**24.49**
Custom Type		
70-91 Big Twin Models	**04-1046**	**$43.49**

TWIN POWER™ OIL PUMP CHECK VALVE BALL

- Sold in packs of 10
- Fits 54-76 Sportster; 37-98 Big Twin

04-6504 H-D#8873 **$9.95**

RIVERA ALLEN OIL PUMP FITTINGS

- Easy to install and turn even in the tightest places
- Uses 5/16" allen wrench to tighten or loosen
- Precision machined from solid brass then show chromed
- Sold in pairs

06-0201 **$12.95**

OIL PUMP HARDWARE

S&S® CRANKCASE BREATHER REED VALVES

- Consists of 3 steel reeds that are normally in the closed position
- When pistons travel downward in the cylinders, the air in the crankcase is compressed and pressure in the crankcase below the pistons increases
- Pressure causes the reeds to open, allowing the air and oil mist in the crankcase to escape into the cam chest
- When pistons change direction and begin traveling back upward in the cylinders, a vacuum is created in the close, preventing air from entering the crankcase
- A slight vacuum is maintained in the crankcase and oil scavenging is greatly improved
- Recommended on large displacement engines 100" or larger
- Fits 84-99 Big Twin models (standard diameter)

49-7214 **$95.95**

S&S® CRANKCASE BREATHER VALVES FOR TWIN CAMS

- Eliminates oil carry over in Twin Cam style engines
- Provides a slight increase in midrange horsepower
- Easy to install when changing cams or servicing oil pump

Description	P/N	Retail
99-02 Twin Cam Models	**49-9966**	**$106.95**
03-06 Twin Cam A	**49-9965**	**106.95**
S&S® Engine Cases	**49-8598**	**113.80**

04-6258

TWIN POWER™ OIL PUMP SEALS & O-RINGS

Application	P/N	Retail
Drive Shaft		
L58-76 XL; 68-98 Big Twin H-D#26227-58	**04-6258**	**$8.02**
O-Rings		
77-90 XL H-D#26433-77	**04-6265**	**$9.15**
91-97 Big Twin H-D#11241	**04-6257**	**9.77**
99-00 Twin Cam H-D#11301	**04-6140**	**10.95**
Oil Pump Seal		
77-90 XL H-D#12036A	**04-6264**	**$7.02**

TWIN POWER™ CRANK CASE OIL SCREEN

- Steel mesh construction washable but should be replaced if kinked
- Sold in packs of 5

Application	P/N	Retail
Crankcase Oil Screen		
70-99 Big Twin Models H-D#24981-70	**60-3247**	**$16.39**
Spring Only		
• Sold in packs of 10		
70-99 Big Twin Models	**60-3248**	**$8.15**

OIL PUMP BUSHING SHAFT

- Fits 36-99 Big Twin models

21-6541 H-D#24641-36 **$14.74**

CRANE CAMS™ OIL PUMP RELIEF SPRING

- Premium quality, heat set alloy steel
- Oil pump pressure relief spring increases engine oil pressure by 2 to 3 psi and does not interfere with critical bearing lubrication
- Fits 36-99 Evolution Big Twin

46-1690 **$8.95**

TWIN POWER™ ENGINE WOODRUFF KEYS

- Fits 86-01 Sportster; 90-99 Big Twin

60-3331 **$4.85**

ENGINE RETAINING RINGS

Application	P/N	Retail
57-E62, 72-76 XL; 70-98 Big Twin Oil Pump H-D#11002	**60-1511**	**$3.95**
36-99 OHV Big Twin Oil Pump Drive Shaft H-D#26348-36	**60-3087**	**4.85**

04-4258

OIL PUMP AND CRANKCASE PLUG SETS

- Chrome-plated
- Plugs are used at the tappet oil galley screen, oil pump check valve and oil pressure relief valve

Application	P/N	Retail
Allen		
70-80 Big Twin Models	**04-1659**	**$32.99**
81-99 Evolution Big Twin H-D#26263-80	**04-1660**	**27.99**
Hex		
70-80 Big Twin H-D#26377-68	**04-4259**	**$25.99**
81-99 Evolution Big Twin H-D#26263-80	**04-4260**	**23.99**
Hex Oil Screen Plug Only		
70-80 Big Twin H-D#657	**04-4258**	**$10.99**

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DISPLAY & PROMO
CROSS REFERENCE

TWIN POWER™ OIL PUMP DRIVEN GEAR

- 24 tooth
- Fits 73-99 Big Twin Models

49-0038 H-D#26345-73 **$15.45**

TWIN POWER™ OIL PUMP DRIVE GEAR

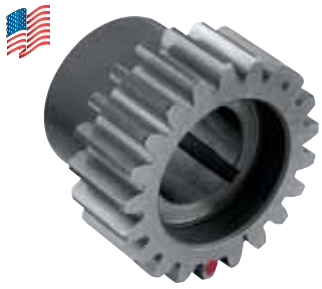
- Used with 24 tooth driven gear for 4:1 pump drive ratio
- 6 tooth
- Fits 73-E85 Big Twin models

49-2891 H-D#26349-73 **$29.95**

S&S® BREATHER GEAR

- Steel breather gear does not come with shims
- Shims can be ordered separately

Application	P/N	Retail
48-E77 Big Twin Models	**49-9624**	**$93.45**
L77-99 Evolution Big Twin	**49-9623**	**82.45**
Oversize		
48-E77 Big Twin +.030"	**49-9626**	**$93.45**
L77-99 Evolution Big Twin +.030"	**49-9627**	**82.45**
Shim Kit		
8 Piece for S&S® Steel Breather Gears	**49-9631**	**$34.95**



S&S® PINION GEARS

- High quality gears precision-machined, heat-treated and finish ground to different sizes for optimum gear lash
- Each size is color-coded to match a stock equivalent gear
- Gears from the middle of the range are recommended for building from scratch

Application	P/N	Retail
L77-89 Big Twin - Red H-D#24043-78	**49-9594**	**$79.95**
For Gear Drive Only		
99-06 Twin Cam, Big Twin (exc. 06 Dyna)	**49-8605**	**$82.25**
99-06 Twin Cam, Big Twin (exc. 06 Dyna) Undersize	**49-8606**	**93.95**
99-06 Twin Cam, Big Twin (exc. 06 Dyna) Oversize	**49-8607**	**93.95**

S&S® OIL PUMP DRIVE GEAR

- 24T
- Fits 36-69 Big Twin models

49-3784 **$43.95**

S&S® BREATHER GEAR KIT

- Steel breather gear kit with shims
- Better dimensional stability at high temperatures
- Standard size
- Fits L77-99 Big Twin models

49-3688 **$104.45**

S&S® BREATHER GEAR SPACING SHIM KIT

- Kit includes 1 of each thickness: .100", .110", .120", .130", .140", .150", .160" and .170"
- Sold in packs of 8
- Fits stock 79-82 and all S&S® steel breather gears

49-9631 **$34.95**

BIKER'S CHOICE
NEW PART NUMBERS ARE RED

WISECO® HIGH-PERFORMANCE FORGED 4-STROKE PRO LITE PISTON KIT

- Dedicated forging
- Chrome-plated piston pin
- Horizontal slot pin oiling
- Pressure seal groove
- Skirt-coated
- Dedicated rings
- Gaskets are included on some applications
- Lightweight and superior strength
- Improved flame travel
- Reduced friction/scuff-resistant
- Maximum ring seal
- Reduced friction for quiet operation
- Maximum compression and oil control

Application	Mfg/N	Bore	Stroke	P/N	Retail
07-11 Twin Cam 96"					
103" Twin Cam 9:1 Compression, Reverse Dome					
07-11 Big Twin STD	K1751	3.875"/STD	4.375"	**16-2218**	**$335.64**
07-11 Big Twin +.005"	K1752	3.880"/.005	4.375"	**16-2368**	**517.22**
07-11 Big Twin + .010"	K1753	3.885"/.010	4.375"	**16-2379**	**335.64**
103" Twin Cam 10.5:1 Compression, Reverse Dome					
07-11 Big Twin STD	K1754	3.875"/STD	4.375"	**16-2219**	**$335.64**
07-11 Big Twin +.005"	K1755	3.880"/.005	4.375"	**16-2359**	**335.64**
07-11 Big Twin + .010"	K1756	3.885"/.010	4.375"	**16-2369**	**517.22**
110" Twin Cam 10.5:1 Compression, Reverse Dome					
07-11 Big Twin STD	K1757	4.000"/STD	4.375"	**16-2354**	**$335.64**
117" Twin Cam 10.5:1 Compression, Reverse Dome					
07-11 Big Twin STD	K1758	4.125"/STD	4.375"	**16-2377**	**$335.64**
99-06 Twin Cam 88"					
88" Twin Cam 10.5:1 Compression, Domed					
99-06 Big Twin STD (exc. 2006 Dyna)	K1726	3.750"/STD	4.000"	**16-2363**	**$324.10**
95" 1550cc Twin Cam 9:1 Compression, Flat Top					
• Complete rebuild kit - includes gaskets					
99-06 Big Twin STD (exc. 2006 Dyna)	VT1719	3.875"/STD	4.000"	**16-1441**	**$494.34**
99-06 Big Twin +.005" (exc. 2006 Dyna)	VT1720	3.880"/.005	4.000"	**16-2343**	**494.34**
99-06 Big Twin +.010" (exc. 2006 Dyna)	VT1721	3.885"/.010	4.000"	**16-2353**	**494.34**
99-06 Big Twin +.020" (exc. 2006 Dyna)	VT1722	3.895"/.020	4.000"	**16-2370**	**494.34**
95" 1550cc Twin Cam 10.5:1 Compression, Domed					
• Complete rebuild kit - includes gaskets					
99-06 Big Twin STD (exc. 2006 Dyna)	VT1709	3.875"/STD	4.000"	**16-2276**	**$494.34**
99-06 Big Twin +.005" (exc. 2006 Dyna)	VT1710	3.880"/.005	4.000"	**16-2339**	**494.34**
99-06 Big Twin +.010" (exc. 2006 Dyna)	VT1711	3.885"/.010	4.000"	**16-2340**	**494.34**
99-06 Big Twin +.020" (exc. 2006 Dyna)	VT1712	3.895"/.020	4.000"	**16-2356**	**494.34**
99-06 Big Twin +.030" (exc. 2006 Dyna)	VT1713	3.905"/.030	4.000"	**16-2382**	**494.34**

WISECO® PISTONS

Application	Mfg/N	Bore	Stroke	P/N	Retail
100" Twin Cam 10:1 Compression, Domed, Skirt Coated					
• Complete rebuild kit - includes gaskets					
99-06 Big Twin STD (exc. 2006 Dyna)	VT744	4.000"/STD	4.000"	**16-2375**	**$405.92**
100" Sleeper Twin Cam 10.5:1 Compression, Domed, Skirt Coated					
99-06 Big Twin STD (exc. 2006 Dyna)	K1760	4.000"/STD	4.000"	**16-2390**	**$335.64**
107" Twin Cam 10.5:1 Compression, Domed					
99-06 Big Twin STD (exc. 2006 Dyna)	K1759	4.125"/STD	4.000"	**16-2380**	**$335.64**
110" Sleeper Twin Cam 10:1 Compression, Reverse Dome, Skirt Coated					
99-06 Big Twin STD (exc. 2006 Dyna)	K1745	4.000"/STD	4.375"	**16-2376**	**$408.92**
84-99 Evolution					
80" Evolution 8.5:1 Compression, Flat Top					
85-99 Big Twin STD	K1640	3.498"/STD	4.250"	**16-2240**	**$300.14**
85-99 Big Twin +.010"	K1641	3.508"/.010	4.250"	**16-2241**	**300.14**
85-99 Big Twin +.020"	K1642	3.518"/.020	4.250"	**16-2242**	**300.14**
85-99 Big Twin +.030"	K1643	3.528"/.030	4.250"	**16-2243**	**300.14**
85-99 Big Twin +.040"	K1644	3.538"/.040	4.250"	**16-2244**	**300.14**
80" Evolution 10:1 Compression, Domed					
85-99 Big Twin STD	K1665	3.498"/STD	4.250"	**16-2265**	**$311.36**
85-99 Big Twin +.05	K1666	3.503"/.005	4.250"	**16-2275**	**311.36**
85-99 Big Twin +.010"	K1667	3.508"/.010	4.250"	**16-2266**	**311.36**
85-99 Big Twin +.020"	K1668	3.518"/.020	4.250"	**16-2267**	**311.36**
85-99 Big Twin +.030"	K1669	3.528"/.030	4.250"	**16-2268**	**311.36**
85-99 Big Twin +.040"	K1675	3.538"/.040	4.250"	**16-2269**	**311.36**
80" Evolution 11:1 Compression, Domed					
85-99 Big Twin STD	K1690	3.498"/STD	4.250"	**16-2372**	**$311.36**
85-99 Big Twin +.05	K1691	3.503"/.005	4.250"	**16-2362**	**311.36**
85-99 Big Twin +.020"	K1693	3.518"/.020	4.250"	**16-2365**	**311.36**
85-99 Big Twin +.030"	K1694	3.528"/.030	4.250"	**16-2385**	**311.36**
85-99 Big Twin +.040"	K1695	3.538"/.040	4.250"	**16-2386**	**311.36**
80" Screaming Eagle Evolution 10.5:1 Compression, Domed					
85-99 Big Twin +.05	K1714	3.503"/.005	4.250"	**16-2357**	**$308.80**
85-99 Big Twin +.010"	K1715	3.508"/.010	4.250"	**16-2364**	**308.80**
85-99 Big Twin +.020"	K1716	3.518"/.020	4.250"	**16-2351**	**308.80**
88" Evolution 9.25:1 Compression, Flat Top					
85-99 Big Twin STD	K1750	3.625"/STD	4.250"	**16-2342**	**$322.30**
93.4" Sleeper Evolution 9.5:1 Compression, Flat Top					
85-99 Big Twin STD	K1749	3.740"/STD	4.250"	**16-2352**	**$324.84**
Replacement Rings					
85-99 Big Twin +.005	3504XC	3.503"/.005		**16-2956**	**$33.10**
78-84 Shovelhead					
80" Shovelhead 7:1 Compression, Domed					
78-84 Shovelhead STD	K1613	3.497"/STD	4.250"	**16-2213**	**$285.60**
78-84 Shovelhead +.010"	K1614	3.507"/.010	4.250"	**16-2214**	**285.60**
78-84 Shovelhead +.030"	K1616	3.527"/.030	4.250"	**16-2216**	**285.60**
78-84 Shovelhead +.040"	K1617	3.537"/.040	4.250"	**16-2217**	**285.60**
80" Shovelhead 9.5:1 Compression, Domed					
78-84 Shovelhead STD	K1623	3.497"/STD	4.250"	**16-2223**	**$285.60**
78-84 Shovelhead +.010"	K1624	3.507"/.010	4.250"	**16-2224**	**285.60**
78-84 Shovelhead +.020"	K1625	3.517"/.020	4.250"	**16-2225**	**285.60**
78-84 Shovelhead +.040"	K1627	3.537"/.040	4.250"	**16-2227**	**285.60**

BIKER'S CHOICE
NEW PART NUMBERS ARE RED

WISECO® PISTONS

Application	Mfg/N	Bore	Stroke	P/N	Retail
48-65 Panhead; 66-77 Shovelhead					
74" Panhead, Shovelhead 9:1 Compression, Domed					
48-65 Panhead STD; 66-77 Shovelhead STD	K1605	3.437"/STD	3.968"	**16-2205**	**$263.92**
48-65 Panhead +.010"; 66-77 Shovelhead +.010"	K1606	3.447"/.010	3.968"	**16-2206**	**263.92**
48-65 Panhead +.020"; 66-77 Shovelhead +.020"	K1607	3.457"/.020	3.968"	**16-2207**	**263.92**
48-65 Panhead +.030"; 66-77 Shovelhead +.030"	K1608	3.467"/.030	3.968"	**16-2208**	**263.92**
48-65 Panhead +.040"; 66-77 Shovelhead +.040"	K1609	3.477"/.040	3.968"	**16-2209**	**263.92**
48-65 Panhead +.050"; 66-77 Shovelhead +.050"	K1610	3.487"/.050	3.968"	**16-2210**[1]	**263.92**
48-65 Panhead +.060"; 66-77 Shovelhead +.060"	K1611	3.497"/.060	3.968"	**16-2211**[1]	**263.92**
48-65 Panhead +.080"; 66-77 Shovelhead +.080"	K1612	3.517"/.080	3.968"	**16-2349**[1]	**263.92**
[1] Shovelhead only					
Sportster					
1200cc Sportster 10.5:1 Compression, Skirt Coated					
04-11 1200 Sportster STD	K1746	3.498"/STD	3.812"	**16-2371**	**$314.66**
04-11 1200 Sportster +.010"	K1747	3.508"/.010	3.812"	**16-2367**	**314.66**
883 to 1200 Conversion 8.5:1 Compression, Reverse Dome					
86-11 Sportster STD	K1723	3.498"/STD	3.812"	**16-2338**	**$317.32**
86-11 Sportster +.010"	K1724	3.508"/.010	3.812"	**16-2358**	**317.32**
86-11 Sportster +.020"	K1725	3.518"/.020	3.812"	**16-2383**	**317.32**
883 to 1200 Conversion 9.5:1 Compression, Reverse Dome					
86-11 Sportsterr STD	K1655	3.498"/STD	3.812"	**16-2255**	**$317.32**
86-11 Sportster +.010"	K1656	3.508"/.010	3.812"	**16-2256**	**317.32**
86-11 Sportster +.020"	K1657	3.518"/.020	3.812"	**16-2257**	**317.32**
86-11 Sportster +.030"	K1658	3.528"/.030	3.812"	**16-2258**	**317.32**
86-11 Sportster +.040"	K1659	3.538"/.040	3.812"	**16-2259**	**317.32**
1200cc Sportster 9:1 Compression, Flat Top					
88-03 1200 Sportster STD; 86-87 1100 Sportster STD	K1660	3.498"/STD	3.812"	**16-2260**	**$308.80**
88-03 1200 Sportster +.010"; 86-87 1100 Sportster +.010"	K1661	3.508"/.010	3.812"	**16-2261**	**308.80**
88-03 1200 Sportster +.020"; 86-87 1100 Sportster +.020"	K1662	3.518"/.020	3.812"	**16-2262**	**308.80**
88-03 1200 Sportster +.030"; 86-87 1100 Sportster +.030"	K1663	3.528"/.030	3.812"	**16-2263**	**308.80**
88-03 1200 Sportster +.040"; 86-87 1100 Sportster +.040"	K1664	3.538"/.040	3.812"	**16-2264**	**308.80**
1200cc Sportster 10:1 Compression, Domed					
88-03 1200 Sportster; 86-87 1100 Sportster STD	K1682	3.498"/STD	3.812"	**16-2212**	**$317.32**
88-03 1200 Sportster; 86-87 1100 Sportster +.010"	K1683	3.508"/.010	3.812"	**16-2347**	**317.32**
88-03 1200 Sportster; 86-87 1100 Sportster +.030"	K1684	3.518"/.020	3.812"	**16-2360**	**317.32**
1200cc Sportster 10.5:1 Compression, Domed					
88-03 1200 Sportster STD; 86-87 1100 Sportster STD	K1685	3.498"/STD	3.812"	**16-2341**	**$308.80**
88-03 1200 Sportster +.010"; 86-87 1100 Sportster +.010"	K1686	3.508"/.010	3.812"	**16-2277**	**308.80**
88-03 1200 Sportster +.020"; 86-87 1100 Sportster +.020"	K1687	3.518"/.020	3.812"	**16-2346**	**308.80**
88-03 1200 Sportster +.030"; 86-87 1100 Sportster +.030"	K1688	3.528"/.030	3.812"	**16-2361**	**308.80**
88-03 1200 Sportster +.040"; 86-87 1100 Sportster +.040"	K1689	3.538"/.040	3.812"	**16-2384**	**308.80**
1000cc Sportster 10:1 Compression, Domed					
72-85 1000cc Sportster STD	K1600	3.188"/STD	3.812"	**16-2200**	**$263.92**
72-85 1000cc Sportster +.010"	K1601	3.198"/.010	3.812"	**16-2201**	**263.92**
72-85 1000cc Sportster +.020"	K1602	3.208"/.020	3.812"	**16-2202**	**263.92**
72-85 1000cc Sportster +.030"	K1603	3.218"/.030	3.812"	**16-2203**	**263.92**
72-85 1000cc Sportster +.040"	K1604	3.228'/.040	3.812"	**16-2204**	**263.92**
Piston Circlip					
72-85 1000cc Sportster	CW-20			**16-1906**	**$1.99**
S1 White Lightning STD; S3/S3T Buell STD	K1700	3.498"/STD	3.812"	**16-2348**	**$311.36**
S1 White Lightning +.010"; S3/S3T Buell +.010"	K1701	3.508"/.010	3.812"	**16-2344**	**311.36**

WISECO Performance Products

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KB PISTONS

KB CAST PISTON SETS

- High-quality premium performance pistons are a special hypereutectic T5 aluminum alloy
- This alloy makes it possible to build a lightweight piston that makes more power, runs great, uses less fuel and lasts longer than other pistons
- Kit includes 2 cast pistons, 1 set of Hastings® moly rings and piston pin clips
- Instructions included

Note: Big bore style requires .095" removal from bottom oil ring scraper

Application	Mfg/N	Bore	Stroke	P/N	Retail
07-08 Twin Cam					
103" Twin Cam 10:1 Compression, Flat Top					
07-08 Twin Cam STD	KB409C.000	3.875"/STD	4.375"	**67-2020**	**$192.49**
07-08 Twin Cam +.005	KB409C.005	3.880"/.005	4.375"	**67-2021**	**192.49**
07-08 Twin Cam +.010	KB409C.010	3.885"/.010	4.375"	**67-2022**	**192.49**
99-06 Twin Cam 88"					
88" 1450cc Twin Cam 10.5:1 Compression, Domed					
99-06 Big Twin STD (exc. 2006 Dyna)	KB343.000	3.750"/STD	4.000"	**67-1080**	**$240.49**
99-06 Big Twin +.005 (exc. 2006 Dyna)	KB343.005	3.7505"/.005	4.000"	**67-1081**	**240.49**
99-06 Big Twin +.010 (exc. 2006 Dyna)	KB343.010	3.760"/.010	4.000"	**67-1082**	**240.49**
99-06 Big Twin +.020 (exc. 2006 Dyna)	KB343.020	3.770"/.020	4.000"	**67-1083**	**240.49**
88" 1450cc Twin Cam 9.25:1 Compression, Flat Top					
99-06 Big Twin STD (exc. 2006 Dyna)	KB339.000	3.75"/STD	4.000"	**67-1085**	**$234.09**
99-06 Big Twin +.005 (exc. 2006 Dyna)	KB339.005	3.7505"/.005	4.000"	**67-1086**	**234.09**
99-06 Big Twin +.010 (exc. 2006 Dyna)	KB339.010	3.760"/.010	4.000"	**67-1087**	**234.09**
99-06 Big Twin +.020 (exc. 2006 Dyna)	KB339.020	3.770"/.020	4.000"	**67-1088**	**234.09**
95" 1550cc Twin Cam 10.5:1 Compression, Domed					
99-06 Big Twin STD (exc. 2006 Dyna)	KB411.000	3.875"/STD	4.000"	**67-1090**	**$250.49**
99-06 Big Twin +.005 (exc. 2006 Dyna)	KB411.005	3.880"/.005	4.000"	**67-1091**	**250.49**
99-06 Big Twin +.010 (exc. 2006 Dyna)	KB411.010	3.885"/.010	4.000"	**67-1092**	**250.49**
95" 1550cc Twin Cam 9.25:1 Compression, Flat Top					
99-06 Big Twin STD (exc. 2006 Dyna)	KB348.000	3.875"/STD	4.000"	**67-1095**	**$240.49**
99-06 Big Twin +.005 (exc. 2006 Dyna)	KB348.005	3.880"/.005	4.000"	**67-1096**	**240.49**
99-06 Big Twin +.010 (exc. 2006 Dyna)	KB348.010	3.885"/.010	4.000"	**67-1097**	**240.49**
84-99 Evolution					
80" 1340cc Evolution 8.5:1 Compression, Flat Top					
84-99 Big Twin STD	KB258.000	3.498"/STD	4.250"	**67-1020**	**$189.99**
84-99 Big Twin +.005	KB258.005	3.503"/.005	4.250"	**67-1021**	**189.99**
84-99 Big Twin +.010	KB258.010	3.508"/.010	4.250"	**67-1022**	**189.99**
84-99 Big Twin +.020	KB258.020	3.518"/.010	4.250"	**67-1023**	**189.99**
84-99 Big Twin +.030	KB258.030	3.528"/.030	4.250"	**67-1024**	**189.99**
84-99 Big Twin +.040	KB258.040	3.538"/.040	4.250"	**67-1025**	**189.99**
80" 1340cc Evolution 9.5:1 Compression, Domed					
84-99 Big Twin STD	KB305.000	3.498"/STD	4.250"	**67-1026**	**$200.39**
84-99 Big Twin +.005	KB305.005	3.503"/.005	4.250"	**67-1027**	**200.39**
84-99 Big Twin +.010	KB305.010	3.508"/.010	4.250"	**67-1028**	**200.39**
84-99 Big Twin +.020	KB305.020	3.518"/.020	4.250"	**67-1029**	**200.39**
80" 1340cc Evolution 10.5:1 Compression, Domed					
84-99 Big Twin STD	KB266.000	3.498"/STD	4.250"	**67-1030**	**$200.39**
84-99 Big Twin +.005	KB266.005	3.503"/.005	4.250"	**67-1031**	**200.39**
84-99 Big Twin +.010	KB266.010	3.508"/.010	4.250"	**67-1032**	**200.39**
84-99 Big Twin +.020	KB266.020	3.518"/.020	4.250"	**67-1033**	**200.39**
84-99 Big Twin +.030	KB266.030	3.528"/.030	4.250"	**67-1034**	**200.39**
84-99 Big Twin +.040	KB266.040	3.538"/.040	4.250"	**67-1035**	**200.39**

KB PISTONS

Application	Mfg/N	Bore	Stroke	P/N	Retail
78-84 Shovelhead					
80" Shovelhead 7.2:1 Compression, Domed					
78-84 Shovelhead STD	KB288.000	3.498"/STD	4.250"	**67-1010**	**$200.39**
78-84 Shovelhead +.005	KB288.005	3.503"/.005	4.250"	**67-1011**	**200.39**
78-84 Shovelhead +.010	KB288.010	3.508"/.010	4.250"	**67-1012**	**200.39**
78-84 Shovelhead +.020	KB288.020	3.518"/.020	4.250"	**67-1013**	**200.39**
78-84 Shovelhead +.030	KB288.030	3.528"/.030	4.250"	**67-1014**	**200.39**
78-84 Shovelhead +.040	KB288.040	3.538"/.040	4.250"	**67-1015**	**200.39**
80" Shovelhead 8.3:1 Compression, Domed					
78-84 Shovelhead STD	KB297.000	3.498"/STD	4.250"	**67-1061**	**$200.39**
78-84 Shovelhead +.005	KB297.005	3.503"/.005	4.250"	**67-1062**	**200.39**
78-84 Shovelhead +.010	KB297.010	3.508"/.010	4.250"	**67-1063**	**200.39**
78-84 Shovelhead +.020	KB297.020	3.518"/.020	4.250"	**67-1064**	**200.39**
78-84 Shovelhead +.030	KB297.030	3.528"/.030	4.250"	**67-1065**	**200.39**
78-84 Shovelhead +.040	KB297.040	3.538"/.040	4.250"	**67-1066**	**200.39**
48-65 Panhead; 66-84 Shovelhead					
88"-98" Panhead, Shovelhead 8.5:1 Compression, Domed					
48-65 Panhead STD; 66-84 Shovelhead STD	KB294.000	3.625"/STD	4.250-4.750	**67-1067**	**$240.49**
48-65 Panhead +.005; 66-84 Shovelhead +.005	KB294.005	3.630"/.005	4.250-4.750	**67-1068**	**181.68**
48-65 Panhead +.010; 66-84 Shovelhead +.010	KB294.010	3.635"/.010	4.250-4.750	**67-1069**	**240.49**
48-65 Panhead +.020; 66-84 Shovelhead +.020	KB294.020	3.645"/.020	4.250-4.750	**67-1070**	**240.49**
48-65 Panhead +.030; 66-84 Shovelhead +.030	KB294.030	3.655"/.030	4.250-4.750	**67-1071**	**240.49**
48-65 Panhead +.040; 66-84 Shovelhead +.040	KB294.040	3.665"/.040	4.250-4.750	**67-1072**	**240.49**
41-47 Knucklehead; 48-65 Panhead; 66-79 Shovelhead					
74" Knucklehead, Panhead, Shovelhead 9:1 Compression, Domed					
41-47 Knucklehead STD; 48-65 Panhead STD; 66-79 Shovelhead STD	KB263.000	3.438"/STD	3.969"	**67-1000**	**$195.19**
41-47 Knucklehead +.005; 48-65 Panhead +.005; 66-79 Shovelhead +.005	KB263.005	3.443"/.005	3.969"	**67-1001**	**195.19**
41-47 Knucklehead +.010; 48-65 Panhead +.010; 66-79 Shovelhead +.010	KB263.010	3.448"/.010	3.969"	**67-1002**	**195.19**
41-47 Knucklehead +.020; 48-65 Panhead +.020; 66-79 Shovelhead +.020	KB263.020	3.458"/.020	3.969"	**67-1003**	**195.19**
41-47 Knucklehead +.030; 48-65 Panhead +.030; 66-79 Shovelhead +.030	KB263.030	3.468"/.030	3.969"	**67-1004**	**195.19**
41-47 Knucklehead +.040; 48-65 Panhead +.040; 66-79 Shovelhead +.040	KB263.040	3.478"/.040	3.969"	**67-1005**	**195.19**
41-47 Knucklehead +.050; 48-65 Panhead +.050; 66-79 Shovelhead +.050	KB263.050	3.488"/.050	3.969"	**67-1006**	**195.19**
41-47 Knucklehead +.060; 48-65 Panhead +.060; 66-79 Shovelhead +.060	KB263.060	3.498"/.060	3.969"	**67-1007**	**195.19**
41-47 Knucklehead +.070; 48-65 Panhead +.070; 66-79 Shovelhead +.070	KB263.070	3.508"/.070	3.969"	**67-1008**	**195.19**
41-47 Knucklehead +.080; 48-65 Panhead +.080; 66-79 Shovelhead +.080	KB263.080	3.518"/.080	3.969"	**67-1009**	**195.19**
Sportster					
883cc 9:1 Compression, Flat Top					
86-08 Sportster STD	KB408.000	3.0"/STD	3.812"	**67-1046**	**$178.29**
86-08 Sportster +.005	KB408.005	3.005"/.005	3.812"	**67-1047**	**172.95**
86-08 Sportster +.010	KB408.010	3.010"/.010	3.812"	**67-1048**	**178.29**
1200cc 9:1 Compression, Flat Top					
88-03 1200 Sportster STD; 86-87 1100 Sportster STD	KB264.000	3.498"/STD	3.812"	**67-1040**	**$184.79**
88-03 1200 Sportster +.005; 86-87 1100 Sportster +.005	KB264.005	3.503"/.005	3.812"	**67-1041**	**184.79**
88-03 1200 Sportster +.010; 86-87 1100 Sportster +.010	KB264.010	3.508"/.010	3.812"	**67-1042**	**184.79**
88-03 1200 Sportster +.020; 86-87 1100 Sportster +.020	KB264.020	3.518"/.020	3.812"	**67-1043**	**184.79**
88-03 1200 Sportster +.030; 86-87 1100 Sportster +.030	KB264.030	3.528"/.030	3.812"	**67-1044**	**184.79**
88-03 1200 Sportster +.040; 86-87 1100 Sportster +.040	KB264.040	3.538"/.040	3.812"	**67-1045**	**184.79**
883cc to 1200cc Conversion 10:1 Compression, Dish Top					
86-08 883cc to 1200cc STD	KB272.000	3.498"/STD	3.812"	**67-1050**	**$200.39**
86-08 883cc to 1200cc +.005	KB272.005	3.503"/.005	3.812"	**67-1051**	**200.39**
86-08 883cc to 1200cc +.010	KB272.010	3.508"/.010	3.812"	**67-1052**	**200.39**
86-08 883cc to 1200cc +.020	KB272.020	3.518"/.020	3.812"	**67-1053**	**200.39**
86-08 883cc to 1200cc +.030	KB272.030	3.528"/.030	3.812"	**67-1054**	**200.39**
86-08 883cc to 1200cc +.040	KB272.040	3.538"/.040	3.812"	**67-1055**	**200.39**

SEE CATALOG UPDATES AT TRDEALER.COM

KB PISTONS

KB FORGED PISTON SETS

- Exclusive 4032 low expansion alloy
- Fully machine heads
- Spiral locks lock rings
- Coated skirts on Twin Cam and 1200 conversions
- 100% diamond machined
- **Special Order Only**

Application	Mfg/N	Bore	Stroke	P/N	Retail
07-08 Twin Cam					
103" Twin Cam 9.5:1 Compression, Dished					
07-08 Twin Cam STD	KB907.000	3.875"/STD	4.375"	**67-2000**	**$262.59**
07-08 Twin Cam +.005	KB907.005	3.880"/.005	4.375"	**67-2001**	**262.59**
07-08 Twin Cam +.010	KB907.010	3.885"/.010	4.375"	**67-2002**	**262.59**
103" Twin Cam 10:1 Compression, Flat Top					
07-08 Twin Cam STD	KB908.000	3.875"/STD	4.375"	**67-2005**	**$262.59**
07-08 Twin Cam +.005	KB908.005	3.880"/.005	4.375"	**67-2006**	**262.59**
07-08 Twin Cam +.010	KB908.010	3.885"/.010	4.375"	**67-2007**	**262.59**
103" Twin Cam 10.5:1 Compression, Domed Top					
07-08 Twin Cam STD	KB909.000	3.875"/STD	4.375"	**67-2010**	**$262.59**
07-08 Twin Cam +.005	KB909.005	3.880"/.005	4.375"	**67-2011**	**262.59**
07-08 Twin Cam +.010	KB909.010	3.885"/.010	4.375"	**67-2012**	**262.59**
99-06 Twin Cam 88"					
95" Twin Cam 9.25:1 Compression, Domed					
99-06 Big Twin STD (exc. 2006 Dyna)	KB904.000	3.875"/STD	4.000"	**67-1195**	**$262.59**
99-06 Big Twin +.005 (exc. 2006 Dyna)	KB904.005	3.880"/.005	4.000"	**67-1196**	**262.59**
99-06 Big Twin +.010 (exc. 2006 Dyna)	KB904.010	3.885"/.010	4.000"	**67-1197**	**262.59**
95" Twin Cam 10.5:1 Compression, Domed					
99-06 Big Twin STD (exc. 2006 Dyna)	KB906.000	3.875"/STD	4.000"	**67-1190**	**$262.59**
99-06 Big Twin +.005 (exc. 2006 Dyna)	KB906.005	3.880"/.005	4.000"	**67-1191**	**262.59**
99-06 Big Twin +.010 (exc. 2006 Dyna)	KB906.010	3.885"/.010	4.000"	**67-1192**	**262.59**
84-99 Evolution					
80" Evolution 8.5:1 Compression, Dish Top					
84-99 Big Twin STD	KB919.000	3.498"/STD	4.250"	**67-1120**	**$244.09**
84-99 Big Twin +.005	KB919.005	3.503"/.005	4.250"	**67-1121**	**244.09**
84-99 Big Twin +.010	KB919.010	3.508"/.010	4.250"	**67-1122**	**244.09**
84-99 Big Twin +.020	KB919.020	3.518"/.010	4.250"	**67-1123**	**244.09**
84-99 Big Twin +.030	KB919.030	3.528"/.030	4.250"	**67-1124**	**244.09**
84-99 Big Twin +.040	KB919.040	3.538"/.040	4.250"	**67-1125**	**244.09**
80" Evolution 9.5:1 Compression, Domed					
84-99 Big Twin STD	KB920.000	3.498"/STD	4.250"	**67-1126**	**$244.09**
84-99 Big Twin +.005	KB920.005	3.503"/.005	4.250"	**67-1127**	**244.09**
84-99 Big Twin +.010	KB920.010	3.508"/.010	4.250"	**67-1128**	**244.09**
84-99 Big Twin +.020	KB920.020	3.518"/.010	4.250"	**67-1129**	**244.09**

KB PISTONS

Application	Mfg/N	Bore	Stroke	P/N	Retail
80" Evolution 10.5:1 Compression, Domed					
84-99 Big Twin STD	KB921.000	3.498"/STD	4.250"	**67-1130**	**$244.09**
84-99 Big Twin +.005	KB921.005	3.503"/.005	4.250"	**67-1131**	**244.09**
84-99 Big Twin +.010	KB921.010	3.508"/.010	4.250"	**67-1132**	**244.09**
84-99 Big Twin +.020	KB921.020	3.518"/.010	4.250"	**67-1133**	**244.09**
84-99 Big Twin +.030	KB921.030	3.528"/.030	4.250"	**67-1134**	**244.09**
84-99 Big Twin +.040	KB921.040	3.538"/.040	4.250"	**67-1135**	**244.09**
78-84 Shovelhead					
80" Shovelhead 8.5:1 Compression, Domed					
78-84 Shovelhead STD	KB926.000	3.498"/STD	4.250"	**67-1110**	**$216.39**
78-84 Shovelhead +.005	KB926.005	3.503"/.005	4.250"	**67-1111**	**216.39**
78-84 Shovelhead +.010	KB926.010	3.508"/.010	4.250"	**67-1112**	**216.39**
78-84 Shovelhead +.020	KB926.020	3.518"/.020	4.250"	**67-1113**	**216.39**
78-84 Shovelhead +.030	KB926.030	3.528"/.030	4.250"	**67-1114**	**216.39**
78-84 Shovelhead +.040	KB926.040	3.538"/.040	4.250"	**67-1115**	**216.39**
80" Shovelhead 9.5:1 Compression, Domed					
78-84 Shovelhead STD	KB927.000	3.498"/STD	4.250"	**67-1161**	**$216.39**
78-84 Shovelhead +.005	KB927.005	3.503"/.005	4.250"	**67-1162**	**216.39**
78-84 Shovelhead +.010	KB927.010	3.508"/.010	4.250"	**67-1163**	**216.39**
78-84 Shovelhead +.020	KB927.020	3.518"/.020	4.250"	**67-1164**	**216.39**
78-84 Shovelhead +.030	KB927.030	3.528"/.030	4.250"	**67-1165**	**216.39**
78-84 Shovelhead +.040	KB927.040	3.538"/.040	4.250"	**67-1166**	**216.39**
48-65 Panhead; 66-84 Shovelhead					
88"-98" Panhead, Shovelhead 10:1 Compression, Domed					
48-65 Panhead STD; 66-84 Shovelhead STD	KB930.000	3.625"/STD	4.250-4.750	**67-1167**	**$216.39**
48-65 Panhead +.005; 66-84 Shovelhead +.005	KB930.005	3.630"/.005	4.250-4.750	**67-1168**	**216.39**
48-65 Panhead +.010; 66-84 Shovelhead +.010	KB930.010	3.635"/.010	4.250-4.750	**67-1169**	**216.39**
48-65 Panhead +.020; 66-84 Shovelhead +.020	KB930.020	3.645"/.020	4.250-4.750	**67-1170**	**216.39**
48-65 Panhead +.030; 66-84 Shovelhead +.030	KB930.030	3.655"/.030	4.250-4.750	**67-1171**	**216.39**
48-65 Panhead +.040; 66-84 Shovelhead +.040	KB930.040	3.665"/.040	4.250-4.750	**67-1172**	**216.39**
41-47 Knucklehead; 48-65 Panhead ; 66-79 Shovelhead					
74" Knucklehead, Panhead, Shovelhead 8.5:1 Compression, Domed					
41-47 Knucklehead STD; 48-65 Panhead STD; 66-79 Shovelhead STD	KB931.000	3.438"/STD	3.969"	**67-1100**	**$216.39**
41-47 Knucklehead +.005; 48-65 Panhead +.005; 66-79 Shovelhead +.005	KB931.005	3.443"/.005	3.969"	**67-1101**	**216.39**
41-47 Knucklehead +.010; 48-65 Panhead +.010; 66-79 Shovelhead +.010	KB931.010	3.448"/.010	3.969"	**67-1102**	**216.39**
41-47 Knucklehead +.020; 48-65 Panhead +.020; 66-79 Shovelhead +.020	KB931.020	3.458"/.020	3.969"	**67-1103**	**216.39**
41-47 Knucklehead +.030; 48-65 Panhead +.030; 66-79 Shovelhead +.030	KB931.030	3.468"/.030	3.969"	**67-1104**	**216.39**
41-47 Knucklehead +.040; 48-65 Panhead +.040; 66-79 Shovelhead +.040	KB931.040	3.478"/.040	3.969"	**67-1105**	**216.39**
41-47 Knucklehead +.050; 48-65 Panhead +.050; 66-79 Shovelhead +.050	KB931.050	3.488"/.050	3.969"	**67-1106**	**216.39**
41-47 Knucklehead +.060; 48-65 Panhead +.060; 66-79 Shovelhead +.060	KB931.060	3.498"/.060	3.969"	**67-1107**	**216.39**
41-47 Knucklehead +.070; 48-65 Panhead +.070; 66-79 Shovelhead +.070	KB931.070	3.508"/.070	3.969"	**67-1108**	**216.39**
41-47 Knucklehead +.080; 48-65 Panhead +.080; 66-79 Shovelhead +.080	KB931.080	3.518"/.080	3.969"	**67-1109**	**216.39**

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PISTONS

S&S® FORGED PISTON SETS

- For use with S&S® cylinder heads only
- Features a recessed dome, complete with rings and piston pins with clips
- Re-balancing is not required but Biker's Choice® suggests that the weights be checked
- Other sizes available for other stroke and bore combinations

Application	Bore	Stroke	P/N	Retail
99-06 Twin Cam				
95" Twin Cam 9.7:1 Compression				
99-06 Big Twin STD	3-7/8" STD	4"	**49-8538**	**$362.45**
106" Twin Cam 10.5:1 Compression				
99-06 Big Twin STD	3-7/8" STD	4-1/2"	**49-8546**	**$362.45**
84-99 Evolution				
89" Stroker Evolution 9.25:1 Compression				
84-99 Big Twin STD	3-1/2" STD	4-5/8"	**49-8526**	**$300.10**
96" Evolution 10.2:1 Compression				
84-99 Big Twin STD	3-5/8" .010	4-5/8"	**49-9536**	**$330.45**
Replacement Rings				
99-06 Big Twin STD	4-1/8" STD		**49-9988**	**$36.95**
84-99 Big Twin STD	3-5/8" STD		**49-9650**	**28.95**
84-99 Big Twin +.010	3-5/8" +.010		**49-9652**	**28.95**

HASTINGS® MOLY & CAST SPORTSTER PISTON RINGS

HASTINGS® MOLY RINGS FOR SPORTSTERS

Note: 883 and 1100 order for each cylinder.

Application	P/N	Retail
883cc Evolution		
• Hastings® #6198 moly-faced replacement rings for O.E.M. pistons • Standard bore is 3.005" • Sold individually per cylinder • Fits 86-Up Sportster		
STD. H-D#22266-86	**16-5200**	**$36.99**
+.005" H-D#22271-86	**16-5205**	**36.99**
+.010" H-D#22261-86	**16-5210**	**36.99**
+.020" H-D#22262-86	**16-5220**	**36.99**
+.030" H-D#22263-86	**16-5230**	**36.99**
+.040"	**16-5240**	**36.99**
1200cc Evolution		
• Hastings® #6164 moly-faced replacement rings for O.E.M. pistons • Standard bore is 3.4978" • Sold as a set (2) cylinders • Fits 83-Up Sportster		
STD. H-D#21920-83	**16-5500**	**$49.99**
+ .005" H-D#21921-83	**16-5501**	**49.99**
+.010" H-D#21922-83	**16-5510**	**49.99**
+.020" H-D#21923-83	**16-5520**	**49.99**
+.030" H-D#21924-83	**16-5530**	**49.99**
+.040"	**16-5532**	**49.99**

CAST RINGS FOR SPORTSTERS

- Ring sets include cast iron compression rings and 3-piece flex-vent oil rings
- Sets are for 2 pistons

Application	P/N	Retail
1200cc Evolution		
• Hastings® #6164 replacement rings for O.E.M. pistons have 5/32" oil rings • Standard bore is 3.4978" • Sold as a set (2) cylinders • Fits 83-Up Sportster		
STD. H-D#21920-83	**16-5400**	**$42.99**
+.005" H-D#21921-83	**16-5405**	**42.99**
+.010" H-D#21922-83	**16-5410**	**42.99**
+.020" H-D#21923-83	**16-5420**	**42.99**
+.030" H-D#21924-83	**16-5430**	**42.99**
+.040"	**16-5432**	**42.99**

WRIST PIN BUSHINGS

- Replacement connecting rod wrist pin bushings
- Sold in pairs

Application	P/N	Retail
57-01 Sportster H-D#24331-36	**60-3051**	**$16.95**
36-99 Big Twin (exc. Twin Cam) H-D#24334-36	**60-3052**	**16.95**

BIKER'S CHOICE
NEW PART NUMBERS ARE RED

HASTINGS® MOLY & CAST BIG TWIN PISTON RINGS

HASTINGS® MOLY RINGS FOR BIG TWINS

- Long lasting durable rings
- Greater heat resistance
- Sets are for 2 pistons

Application	P/N	Retail
Late 1200cc		
• Hastings® #6482 moly-faced replacement rings for O.E.M. pistons		
• Standard bore is 3.438"		
• Fits 55-80 Big Twin		
STD.	**16-5700**	**$49.99**
+.010"	**16-5710**	**49.99**
+.020"	**16-5720**	**49.99**
+.030"	**16-5730**	**49.99**
+.040"	**16-5740**	**49.99**
+.050"	**16-5750**	**49.99**
+.060"	**16-5760**	**49.99**
Early 1340cc		
• Hastings® #6127 moly-faced replacement rings for O.E.M. pistons		
• Standard bore is 3.498"		
• Fits 78-E83 FL; 79-E82 FX		
STD.	**16-5900**	**$51.49**
+.010"	**16-5910**	**51.49**
+.020"	**16-5920**	**51.49**
+.030"	**16-5930**	**51.49**
+.040"	**16-5940**	**51.49**
Late 1340cc		
• Hastings® #6164 moly-faced replacement rings for O.E.M. pistons		
• Standard bore is 3.4978"		
• Fits L83-99 Evolution Big Twin		
STD. H-D#21920-83	**16-5500**	**$49.99**
+.005" H-D#21921-83	**16-5501**	**49.99**
+.010" H-D#21922-83	**16-5510**	**49.99**
+.020" H-D#21923-83	**16-5520**	**49.99**
+.030" H-D#21924-83	**16-5530**	**49.99**
+.040"	**16-5532**	**49.99**
Twin Cam 88 1450cc		
• Hastings® #2M4942 for O.E.M. pistons		
• Bore is 95.25mm or 3.750"		
• Fits 99-06 Twin Cam		
STD.	**16-5535**	**$63.99**
+.005"	**16-5536**	**63.99**
+.010"	**16-5537**	**63.99**
+.020"	**16-5538**	**63.99**
Twin Cam 88 1550cc		
• Hastings® #2M4941		
• Bore is 98.43mm or 3.875"		
• Fits 99-08 Twin Cam		
STD.	**16-5540**	**$63.99**
+.005"	**16-5541**	**63.99**
+.010"	**16-5542**	**63.99**
+.020"	**16-5543**	**63.99**

HASTINGS® CAST RINGS FOR BIG TWINS

- Ring sets include cast iron compression rings and 3-piece flex-vent oil rings (except early 1200cc which is a 1-piece cast iron oil ring)
- Sets are for 2 pistons

Application	P/N	Retail
Late 1200cc - FL, FLH, FXE OHV		
• Hastings® #6482 replacement rings for listed O.E.M. applications and all Twin Power™ 1200cc pistons have 1/16" compression rings		
• Standard bore is 3.438"		
• Fits 55-80 Big Twin		
STD. H-D#22325-55TB	**16-5600**	**$38.99**
+.010" H-D#22327-55TB	**16-5610**	**38.99**
+.020" H-D#22328-55TB	**16-5620**	**38.99**
+.030" H-D#22329-55TB	**16-5630**	**38.99**
+.040" H-D#22330-55TB	**16-5640**	**38.99**
+.050" H-D#22331-55TB	**16-5650**	**38.99**
+.060" H-D#22334-78TB	**16-5660**	**38.99**
+.070" H-D#22335-78TB	**16-5670**	**38.99**
Early 1340cc		
• Hastings® #6127 replacement rings for listed O.E.M. applications and all Twin Power™ Shovelhead 1340cc pistons		
• Standard bore is 3.498"		
• Fits 78-E83 FL; 79-E82 FX		
STD. H-D#22334-78TB	**16-5800**	**$41.99**
+.010" H-D#22335-78TB	**16-5810**	**41.99**
+.020" H-D#22336-78TB	**16-5820**	**41.99**
+.030" H-D#22337-78TB	**16-5830**	**41.99**
+.040"	**16-5840**	**41.99**
Late 1340cc		
• Hastings® #6164 replacement rings for listed O.E.M. applications with 5/32" oil rings and all Twin Power™ Evolution 1340cc pistons		
• Standard bore is 3.498"		
• Fits L83-99 Evolution Big Twin		
STD. H-D#21920-83	**16-5400**	**$42.99**
+.005" H-D#21921-83	**16-5405**	**42.99**
+.010" H-D#21922-83	**16-5410**	**42.99**
+.020" H-D#21923-83	**16-5420**	**42.99**
+.030" H-D#21924-83	**16-5430**	**42.99**
+.040"	**16-5432**	**42.99**

SEE CATALOG UPDATES AT TRDEALER.COM

S&S® 103" CYLINDERS 3-7/8" BORE

- Designed to be used with the stock 4-3/8" stroke flywheels in 96" engines
- Fits 07-11 Big Twin models

Description	P/N	Retail
Natural	49-3248	$525.00
Black Powder-coated	49-3249	525.00

S&S® 106" BIG BORE KIT

- No need to bore or split the cases, just swap out the cylinders
- Matching silver or black wrinkle powder-coated finish to match stock finish
- Superior cylinder liner material over stock, drag and dyno tested
- 3.927" bore, 4-3/8" stroke, 10:1 CR on stock heads, 9.7:1 CR on S&S® 89cc heads
- Fits 07-11 Big Twin models

Note: This kit yields excellent results with stock cylinder heads, but adding a performance cam is recommended to get best performance and easier engine starts. For most applications, the S&S® single bore EFI throttle body with a teardrop air cleaner or tuned induction is recommended. 08-11 Touring models will need to use stock intake or Screamin' Eagle 58mm throttle body and Race Tuner or Pro EFI Super Tuner.

Description	P/N	Retail
Silver Powder-coated Finish	49-5660	$746.95
Black Powder-coated Finish	49-5661	746.95

49-9962

S&S® 95" TWIN CAM BIG BORE KIT

- For Twin Cam motors
- Designed to increase displacement of stock Twin Cam 88" engines to 95"
- Kit comes with all the necessary parts to change your 88" to a 95"
- Includes cylinders, pistons, rings, wrist pin, clips, head gaskets and base gaskets
- Available natural or black powder-coated finish
- Fits 99-06 Twin Cam

Description	P/N	Retail
Natural	49-9962	$767.45
Black Powder-coated	49-5220	767.45

S&S® 97" BIG BORE KIT

- Kit includes piston set, top end gasket and S&S® cylinders
- Bolt on 9 to 10 cubic inches
- Piston weight for 97" kits are the same as stock, requiring no flywheel rebalancing
- No crankcase machining needed to install
- Forged, coated pistons are compatible with stock or S&S® Super Stock® 89cc heads
- Valve pocket recessed in S&S® pistons are enlarged for oversized valves and higher lift cams
- Silver or black wrinkle powder-coated cylinder finish color matches stock Harley-Davidson®
- Fits 99-06 Big Twin models

Description	P/N	Retail
Silver Powder-coated	49-5662	$746.95
Black Powder-coated	49-5663	746.95

Pistons ON PAGE 755

S&S® 80" SHOVELHEAD TOP END KIT

- S&S® now offers Shovelhead style top end kits that provide everything you need to replace the top end of a 80" Shovelhead engine
- Kit includes a set of S&S® Shovelhead style cylinder heads, a set of S&S® stock bore cylinders (3-1/2" for 80"), S&S® cast 8:1 compression pistons complete with rings and wrist pins, manifold clamps, manifold seals, all required hardware and gaskets
- 4-1/4" stroke pistons and rubber band style cylinder heads are also included
- Pistons are pre-fit to the cylinders, so there is no machine work done and very little down time
- Fits 79-84 Shovelheads, 4-1/4" stroke, 8:1 Compression Ratio

49-8521 $1992.45

TWIN POWER™ CYLINDERS

- Shovelhead cast iron cylinders
- Evolution cylinders, 1340 stock O.E.M. replacement cylinders
- Sold individually

Application	P/N	Retail
Shovelhead		
66-80 74" Front H-D#16485-74A	**49-2589**	**$159.95**
66-80 74" Rear H-D#16492-74A	**49-2590**	**159.95**
78-84 80" Front H-D#16494-78	**49-2868**	**164.95**
78-84 80" Rear H-D#16495-78	**49-2869**	**164.95**
Evolution		
• Aluminum cylinders • Steel liners		
1340cc Big Twin Models	**49-3036**	**$221.95**

CYLINDER BASE CUSTOM HARDWARE KITS

- Acorn

Application	P/N	Retail
30-77 FL; 72-78 FX	**04-4101**	**$19.99**
78-84 FL; 79-84 FX	**04-4187**	**26.99**

COLONY HI-TORQUE CYLINDER BASE NUTS SET

- Designed specifically for big bore engines, but may be used on any engine
- Machined from high strength steel and heat-treated for durability
- Reduced hex size provides ample wrench clearance
- Chrome-plated
- Fits 36-84 Big Twin models

04-4250 **$29.99**

S&S® STAINLESS STEEL BASE NUTS

- 7/16" Hex allows the use of box end wrench to tighten base nuts on S&S® Sidewinder cylinders
- Requires .375"-.400" stud engagement, stud height may need to be adjusted
- Sold in packs of 8

49-6609 **$59.45**

PRECISION MACHINED CYLINDER STUDS

- Chrome-moly steel
- Made in USA
- Sold in sets of 8

Application	P/N	Retail
84-99 Evolution Big Twin	**49-9293**	**$91.95**
05-11 Twin Cam	**49-9304**	**92.90**

COLONY CYLINDER BASE STUD KIT

- Heat treated alloy steel studs equal or surpass O.E.M.
- Fits 99-11 Big Twin models

04-4338 H-D# 16834-00 **$72.99**

S&S® CYLINDER BASE STUDS

- Made of 4140 steel
- Sold in packs of 8

Description	P/N	Retail
99-11 Big Twin	**49-3880**	**$64.95**
84-99 Big Twin	**49-3786**	**59.95**
30-84 Big Twin	**49-3881**	**59.95**
86-03 Sportster	**49-3882**	**59.95**

04-4304

CYLINDER BASE HARDWARE

- O.E.M. style reproductions

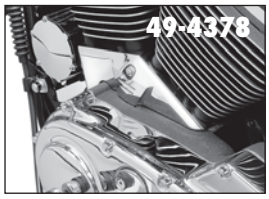
Application	P/N	Retail
Stud Kit		
30-77 FL; 72-78 FX H-D#16831-30	**04-4303**	**$28.99**
Chrome Nut Kits		
52-85 K, XL H-D#7804	**04-4210**	**$16.99**
30-77 FL; 72-78 FX H-D#16602-30	**04-4209**	**19.99**
78-84 FL, FX (with flange) H-D#16838-78	**04-4328**	**17.99**
Chrome Spacer Kit		
78-84 FL; 79-84 FX H-D#16836-78	**04-4304**	**$22.99**

BAGGER
WINDSHIELDS
SEATS & LUGGAGE
EXHAUST
FUEL & AIR
CONTROL & HANDLEBARS
CABLES
FOOT CONTROLS
TIRES & WHEELS
FRAMES & FENDERS
TANKS & OIL SYSTEMS
SUSPENSION
BRAKE
INSTRUMENT & LIGHTING
ELECTRICAL/ IGNITION
VALVE TRAIN
ENGINE
PRIMARY DRIVE
TRANS-MISSION
FINAL DRIVE
GASKETS & HARDWARE
SECURITY & COVERS
TRAILERS & RAMPS
CHEMICAL
TOOLS & SUPPLIES
GENERAL ACCESSORIES
HEADGEAR
RIDING APPAREL
CASUAL APPAREL
DISPLAY & PROMO
CROSS REFERENCE

49-6859

49-6860

49-7864

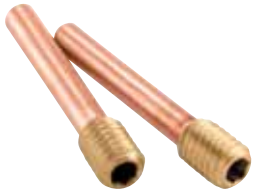

49-4378

KURYAKYN® CYLINDER BASE COVER

- Smooths the transition between the cylinders and the engine cases
- Covers the entire gap between the cylinder base and the inner primary
- Installs in minutes
- Sold individually

Application	P/N	Retail
07-10 Touring Models; 06-10 Dyna (Mfg/N 8392)	**49-6859**	**$69.99**
07-10 Softail Models (Mfg/N 8393)	**49-6860**	**69.99**
00-06 Softail; 99-06 Road King, Dresser; 99-05 FXDWG (99-05 FXD Converted to forward controls) Mfg/N 8143	**49-7864**	**62.99**
91-03 Sportster Models (Mfg/N 8141)	**49-4378**	**39.99**

59-8050


59-8051

CYLINDER PIGTAIL® KIT

- Kit includes; 2 cylinder pigtails, 1-3/8" x 16 tpi aluminum tap, 3/16" hex wrench and instructions
- Stop oil leaks
- Misalignment is no problem
- No O-rings to dry out
- Easily removable for cylinder service
- Made in USA

Note: Kit designed for use on stock style & bore cylinders only.

Application	P/N	Retail
Kit		
86-03 XL; 84-99 Evolution Big Twin Models	**59-8050**	**$74.95**
Replacement PigTails®		
86-03 XL; 84-99 Evolution Big Twin Models	**59-8051**	**$42.95**

S&S® SPECIAL PISTON COOLING OIL JET KIT

- Provides an extra .150" of clearance between the jet and the piston skirt
- Includes 2 jet assemblies with O-rings and screws
- Fits 84-99 Big Twin models

49-3791 **$46.95**

KURYAKYN® CYLINDER BASE/TIMING HOLE COVERS

- Adds a nice touch to the cylinder base while covering the timing hole
- Installs in minutes
- Mfg/N 8140
- Fits 84-99 Evolution Big Twin with forward controls

49-7256 **$39.99**

48-2722

BIKER'S CHOICE® CYLINDER BASE COVER

- Chrome, add a beautiful finish to the left side of the engine
- Easy to install
- Hardware included

Application	P/N	Retail
04-10 Sportster H-D#32729-07	**48-2720**	**$29.95**
07-10 Twin Cam Softail H-D#32042-07	**48-2721**	**38.95**
06-10 Twin Cam Dyna; 07-10 Touring Models H-D#32077-07	**48-2722**	**38.95**

S&S® CRANKCASE BREATHER REED VALVES

- Consists of 3 steel reeds that are normally in the closed position
- When pistons travel downward in the cylinders, the air in the crankcase is compressed and pressure in the crankcase below the pistons increases
- Pressure causes the reeds to open, allowing the air and oil mist in the crankcase to escape into the cam chest
- When pistons change direction and begin traveling back upward in the cylinders, a vacuum is created in the close, preventing air from entering the crankcase
- A slight vacuum is maintained in the crankcase and oil scavenging is greatly improved
- Recommended on large displacement engines 100" or larger
- Fits 84-99 Big Twin models (standard diameter)

49-7214 **$95.95**

TIMING AND DRAIN PLUGS

Application	P/N	Retail
Allen Style		
• Sold in packs of 10		
Sportster, Big Twin (1/8"-27 N.P.T.) H-D#45830-48	**04-1450**	**$10.49**
Hex Style		
52-76 K, XL Case/Oil Tank; 37-86 Big Twin Transmission (1/2"x13) H-D#707	**04-4249**	**$7.50**
H-D Timing Hole & Oil Tank (5/8"-18) H-D#704	**04-4214**	**7.50**
Acorn		
5/8"-18 H-D#704	**04-4104**	**$8.50**
Button Head		
38-00 H-D Timing Hole & Oil Tank (5/8"-18) H-D#720	**04-1565**	**$13.49**
Custom Hex		
H-D Timing Hole & Oil Tank (5/8"-18) H-D#704/720	**04-4255**	**$9.99**
Domed Hex		
81-89 Big Twin Oil Tank (1/2"-20) H-D#706	**04-4248**	**$10.99**

OVERSIZE PLUG KIT

- Acorn style
- Used to retap worn or stripped 5/8"-18 thread timing plug holes

Application	P/N	Retail
Timing Plug with Tap		
52-99 K, Sportster; 38-99 Big Twin Models	**04-4147**	**$42.99**
Timing Plug Only		
52-99 K, Sportster; 38-99 Big Twin Models	**04-4148**	**$8.50**
Drain Plug with Tap		
• Used to retap worn or stripped 1/2"-13 thread drain plug holes		
52-76 K, XL; 37-86 FL, FX (Engine and Transmission)	**04-4149**	**$42.99**
Drain Plug Only		
• Used to retap worn or stripped 1/2"-13 thread drain plug holes		
52-76 K, XL; 37-86 FL, FX (Engine and Transmission)	**04-4150**	**$8.50**

GARDNER-WESTCOTT DRAIN PLUGS

- Allen
- Chrome-plated brass
- 1/8"-27 NPT
- Sold in packs of 10

04-1056 **$34.99**

CUSTOM MOTOR HARDWARE SETS

- Chrome-plated
- Sets include replacements for side covers, lifter blocks, timing plug, inner primary mount, motor mounts and rocker boxes
- Header mount, point cover or generator mount, washers and nuts supplied where applicable

Application	P/N	Retail
Allen		
70-E76 Shovelhead	**04-1641**	**$79.99**
L76-84 Shovelhead Models	**04-1640**	**71.49**
87-99 Softail Models	**04-1683**	**99.99**
00-06 Softail Models	**04-1847**	**119.49**
07-08 Softail Models	**04-1754**	**121.99**
91-98 FLT, FXR Models	**04-1678**	**94.99**
99-05 Dyna Models (Polished)	**04-0983**	**137.49**
07-08 Dyna Models (Polished)	**04-1755**	**141.49**
99-06 FLT Models (Polished)	**04-0985**	**134.49**
07-08 FLT Models (Polished)	**04-1753**	**146.49**

ENGINE MOUNT CUSTOM HARDWARE KITS

Application	P/N	Retail
Acorn		
34-84 OVH Big Twin Lower H-D#4435W	**04-1161**	**$22.49**
Allen		
48-84 FL, FX Top Front and Rear	**04-1615**	**$25.99**
85 FX; 84-99 FXST Top, Front and Rear	**04-1656**	**32.99**
87-90 FLT, FXR Top, Front and Rear	**04-1676**	**60.49**
91-96 FXR, FLHT Top, Front and Rear	**04-1114**	**44.99**
00-06 Softails Top, Front and Rear with Front spacers	**04-1851**	**82.99**
00-06 Twin Cam 88B-Lower Front Set with spacers	**04-1852**	**49.99**
12 Point		
84-99 Softail Models Top, Front and Rear	**04-1117**	**$44.49**

MOTOR MOUNT HARDWARE KITS

- Chrome-plated
- O.E.M. hex head style
- Kit includes nuts, bolts and stud mounts

Application	P/N	Retail
70-84 Big Twin Top, Front and Rear	**04-4289**	**$35.99**
84 FX; 84-99 Softail	**04-1857**	**32.99**

COLONY ENGINE CASE STUD KITS

- All required hardware to bolt cases together included
- O.E.M. style
- Chrome-plated

Description	P/N	Retail
70-78 Shovelhead H-D#24815-40	**04-4221**	**$50.99**
79-99 Big Twin (exc. Twin Cam)	**04-4223**	**50.99**